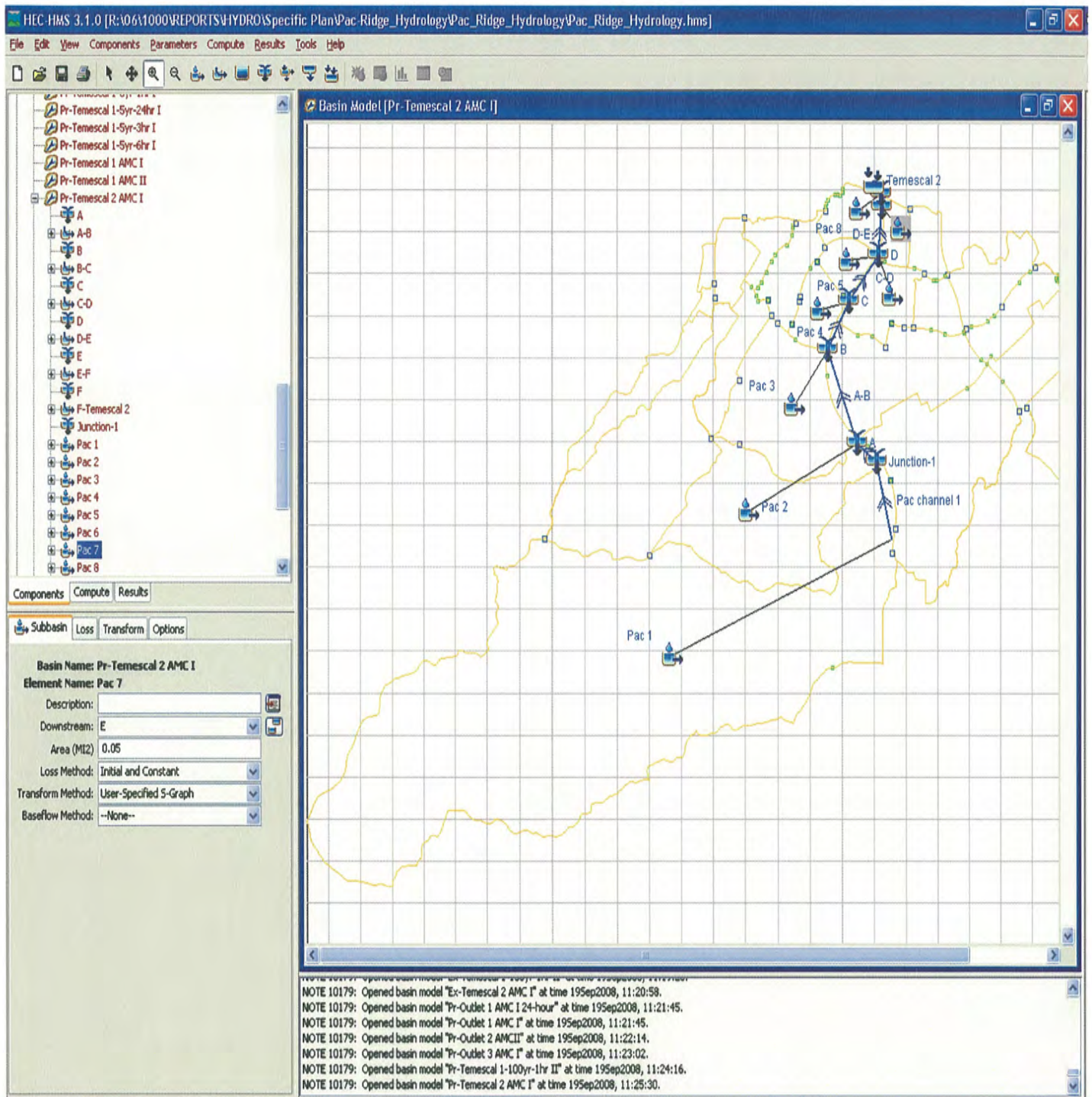


## PR-TEMESCAL 2 AMC I



*Appendix*

**E**

## **HEC-HMS INPUT DATA**

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## **METEOROLOGIC DATA**

## METEOROLOGIC DATA

### **Meteorology: 2-year 1-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:39:16  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC I  
Use Basin Model: Ex-Temescal 1-2yr-1hr I  
Use Basin Model: Ex-Temescal 2 AMC I  
Use Basin Model: Pr-Outlet 1 AMC I  
Use Basin Model: Pr-Temescal 2 AMC I  
Use Basin Model: Pr-Temescal 1 AMC I  
Use Basin Model: Pr-Temescal 1-2yr-1hr I  
Use Basin Model: Pr-Outlet 3 AMC I  
Use Basin Model: Pr-Outlet 2 AMCI  
Use Basin Model: Ex-Outlet 1 AMC I  
Use Basin Model: Ex-Outlet 3 AMC IEnd:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes  
End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2  
Gage: 1-hour Event  
Total Storm Precipitation: 0.58  
End:

Subbasin: Pac 1, PACArea1, PACArea2  
Gage: 1-hour Event  
Total Storm Precipitation: 0.57  
End:

### **Meteorology: 2-year 3-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:42:41  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC I  
Use Basin Model: Ex-Temescal 1-2yr-3hr I  
Use Basin Model: Ex-Temescal 2 AMC I  
Use Basin Model: Pr-Outlet 1 AMC I  
Use Basin Model: Pr-Temescal 2 AMC I  
Use Basin Model: Pr-Temescal 1 AMC I  
Use Basin Model: Pr-Temescal 1-2yr-3hr I  
Use Basin Model: Pr-Outlet 3 AMC I  
Use Basin Model: Pr-Outlet 2 AMCI  
Use Basin Model: Ex-Outlet 1 AMC I



Use Basin Model: Ex-Outlet 3 AMC I  
End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes  
End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2  
Gage: 1-hour Event  
Total Storm Precipitation: 1.03  
End:

Subbasin: Pac 1, PACArea1, PACArea2  
Gage: 1-hour Event  
Total Storm Precipitation: 1.02  
End:

**Meteorology: 2-year 6-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:43:55  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC I  
Use Basin Model: Ex-Temescal 1-2yr-6hr I  
Use Basin Model: Ex-Temescal 2 AMC I  
Use Basin Model: Pr-Outlet 1 AMC I  
Use Basin Model: Pr-Temescal 2 AMC I  
Use Basin Model: Pr-Temescal 1 AMC I  
Use Basin Model: Pr-Temescal 1-2yr-6hr I  
Use Basin Model: Pr-Outlet 3 AMC I  
Use Basin Model: Pr-Outlet 2 AMCI  
Use Basin Model: Ex-Outlet 1 AMC I  
Use Basin Model: Ex-Outlet 3 AMC I  
End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes  
End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2  
Gage: 1-hour Event  
Total Storm Precipitation: 1.51  
End:

Subbasin: Pac 1, PACArea1, PACArea2

Gage: 1-hour Event  
Total Storm Precipitation: 1.49

End:

**Meteorology: 2-year 24-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:41:53  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC I 24-hr  
Use Basin Model: Ex-Temescal 1-2yr-24hr I  
Use Basin Model: Ex-Temescal 2 AMC I 24-hour  
Use Basin Model: Pr-Outlet 1 AMC I 24-hour  
Use Basin Model: Pr-Temescal 2 AMC I 24-hr  
Use Basin Model: Pr-Temescal 1-5yr-24hr I  
Use Basin Model: Pr-Temescal 1-2yr-24hr I  
Use Basin Model: Pr-Outlet 3 AMC I 24-hour  
Use Basin Model: Ex-Outlet 1 AMCI 24hr  
Use Basin Model: Ex-Outlet 3 AMC I 24-hr  
Use Basin Model: Pr-Outlet 2 AMCI 24-hour

End:

Precip Method Parameters: Specified Average  
Allow Depth Override: No  
Set Missing Data to Zero: Yes

End:

Subbasin: Area3  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Area 4  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Area 6  
Gage: 2-year 24-hour F=0.1  
End:

Subbasin: Area 8  
Gage: 2-year 24-hour F=0.2  
End:

Subbasin: Ex Area 1  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Ex Area 2  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Ex Area 3  
Gage: 2-year 24-hour F=0.2  
End:

Subbasin: Ex Area 4  
Gage: 2-year 24-hour F=0.5  
End:

Subbasin: Horsethief1  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Horsethief2  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Horsethief3  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: MSHCP2  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: MSHCP2\*  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Pac 1  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Pac 10  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Pac 11  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Pac 12  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Pac 13  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Pac 14  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Pac 2  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: Pac 3  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Pac 4  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Pac 5  
Gage: 2-year 24-hour F=0.2  
End:

Subbasin: Pac 6  
Gage: 2-year 24-hour F=0.2  
End:

Subbasin: Pac 7  
Gage: 2-year 24-hour F=0.2  
End:

Subbasin: Pac 8  
Gage: 2-year 24-hour F=0.1  
End:

Subbasin: Pac 9

Gage: 2-year 24-hour F=0.3  
End:

Subbasin: PACArea1  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: PACArea2  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: PacArea3  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: PacArea4  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: PacArea5  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: PacArea6  
Gage: 2-year 24-hour F=0.4  
End:

Subbasin: R-Area 1  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: R-Area 2  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: R-Area 5  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: R-Area 7  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Shed1  
Gage: 2-year 24-hour F=0.3  
End:

Subbasin: Shed2  
Gage: 2-year 24-hour F=0.3  
End:

**Meteorology: 5-year 1-hour**

Last Modified Date: 23 September 2008

Last Modified Time: 00:45:30

Version: 3.2

Unit System: English

Precipitation Method: Specified Average

Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC I  
Use Basin Model: Ex-Temescal 1-5yr-1hr I  
Use Basin Model: Ex-Temescal 2 AMC I  
Use Basin Model: Pr-Outlet 1 AMC I  
Use Basin Model: Pr-Temescal 2 AMC I  
Use Basin Model: Pr-Temescal 1 AMC I  
Use Basin Model: Pr-Temescal 1-5yr-1hr I  
Use Basin Model: Pr-Outlet 3 AMC I  
Use Basin Model: Pr-Outlet 2 AMCI  
Use Basin Model: Ex-Outlet 1 AMC I  
Use Basin Model: Ex-Outlet 3 AMC I

End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2

Gage: 1-hour Event

Total Storm Precipitation: 0.76

End:

Subbasin: Pac 1, PACArea1, PACArea2  
Gage: 1-hour Event  
Total Storm Precipitation: 0.75

End:

#### **Meteorology: 5-year 3-hour**

Last Modified Date: 23 September 2008

Last Modified Time: 00:53:43

Version: 3.2

Unit System: English

Precipitation Method: Specified Average

Snowmelt Method: None

Use Basin Model: Ex-Outlet 2 AMC I  
Use Basin Model: Ex-Temescal 1-5yr-3hr I  
Use Basin Model: Ex-Temescal 2 AMC I  
Use Basin Model: Pr-Outlet 1 AMC I  
Use Basin Model: Pr-Temescal 2 AMC I  
Use Basin Model: Pr-Temescal 1 AMC I  
Use Basin Model: Pr-Temescal 1-5yr-3hr I  
Use Basin Model: Pr-Outlet 3 AMC I  
Use Basin Model: Pr-Outlet 2 AMCI  
Use Basin Model: Ex-Outlet 1 AMC I  
Use Basin Model: Ex-Outlet 3 AMC I

End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2

Gage: 1-hour Event

Total Storm Precipitation: 1.33

End:

Subbasin: Pac 1, PACArea1, PACArea2

Gage: 1-hour Event

Total Storm Precipitation: 1.32

End:

**Meteorology: 5-year 6-hour**

Last Modified Date: 23 September 2008

Last Modified Time: 00:57:20

Version: 3.2

Unit System: English

Precipitation Method: Specified Average

Snowmelt Method: None

Use Basin Model: Ex-Outlet 2 AMC I

Use Basin Model: Ex-Temescal 1-5yr-6hr I

Use Basin Model: Ex-Temescal 2 AMC I

Use Basin Model: Pr-Outlet 1 AMC I

Use Basin Model: Pr-Temescal 2 AMC I

Use Basin Model: Pr-Temescal 1 AMC I

Use Basin Model: Pr-Temescal 1-5yr-6hr I

Use Basin Model: Pr-Outlet 3 AMC I

Use Basin Model: Pr-Outlet 2 AMCI

Use Basin Model: Ex-Outlet 1 AMC I

Use Basin Model: Ex-Outlet 3 AMC I

End:

Precip Method Parameters: Specified Average

Allow Depth Override: Yes

Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2

Gage: 1-hour Event

Total Storm Precipitation: 1.95

End:

Subbasin: Pac 1, PACArea1, PACArea2

Gage: 1-hour Event

Total Storm Precipitation: 1.93

End:

**Meteorology: 5-year 24-hour**

Last Modified Date: 24 September 2008

Last Modified Time: 16:04:02

Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC I 24-hr  
Use Basin Model: Ex-Temescal 1-5yr-24hr I  
Use Basin Model: Ex-Temescal 2 AMC I 24-hour  
Use Basin Model: Pr-Outlet 1 AMC I 24-hour  
Use Basin Model: Pr-Temescal 2 AMC I 24-hr  
Use Basin Model: Pr-Temescal 1-5yr-24hr I  
Use Basin Model: Pr-Outlet 3 AMC I 24-hour  
Use Basin Model: Ex-Outlet 1 AMCI 24hr  
Use Basin Model: Ex-Outlet 3 AMC I 24-hr  
Use Basin Model: Pr-Outlet 2 AMCI 24-hour

End:

Precip Method Parameters: Specified Average

Allow Depth Override: No  
Set Missing Data to Zero: Yes

End:

Subbasin: Area3  
Gage: 5-year 24-hour F=0.3

End:

Subbasin: Area 4  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Area 6  
Gage: 5-year 24-hour F=0.1

End:

Subbasin: Area 8  
Gage: 5-year 24-hour F=0.2

End:

Subbasin: Ex Area 1  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Ex Area 2  
Gage: 5-year 24-hour F=0.3

End:

Subbasin: Ex Area 3  
Gage: 5-year 24-hour F=0.2

End:

Subbasin: Ex Area 4  
Gage: 5-year 24-hour F=0.5

End:

Subbasin: Horsethief1  
Gage: 5-year 24-hour F=0.3

End:

Subbasin: Horsethief2  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Horsethief3  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: MSHCP2  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: MSHCP2\*  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Pac 1  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Pac 10  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Pac 11  
Gage: 5-year 24-hour F=0.3

End:

Subbasin: Pac 12  
Gage: 5-year 24-hour F=0.3

End:

Subbasin: Pac 13  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: Pac 14  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: Pac 2  
Gage: 5-year 24-hour F=0.4  
End:

Subbasin: Pac 3  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: Pac 4  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: Pac 5  
Gage: 5-year 24-hour F=0.2  
End:

Subbasin: Pac 6  
Gage: 5-year 24-hour F=0.2  
End:

Subbasin: Pac 7  
Gage: 5-year 24-hour F=0.2  
End:

Subbasin: Pac 8  
Gage: 5-year 24-hour F=0.1  
End:

Subbasin: Pac 9  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: PACArea1  
Gage: 5-year 24-hour F=0.4  
End:

Subbasin: PACArea2  
Gage: 5-year 24-hour F=0.4

End:

Subbasin: PacArea3  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: PacArea4  
Gage: 5-year 24-hour F=0.4  
End:

Subbasin: PacArea5  
Gage: 5-year 24-hour F=0.4  
End:

Subbasin: PacArea6  
Gage: 5-year 24-hour F=0.4  
End:

Subbasin: R-Area 1  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: R-Area 2  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: R-Area 5  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: R-Area 7  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: Shed1  
Gage: 5-year 24-hour F=0.3  
End:

Subbasin: Shed2  
Gage: 5-year 24-hour F=0.3  
End:

#### **Meteorology: 10-year 1-hour**

Description: 10-year 1-hour Storm  
Last Modified Date: 24 September 2008  
Last Modified Time: 16:00:50  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC II  
Use Basin Model: Ex-Temescal 1-10yr-1hr II  
Use Basin Model: Ex-Temescal 2 AMC II  
Use Basin Model: Pr-Temescal 2 AMC II  
Use Basin Model: Pr-Temescal 1 AMC II  
Use Basin Model: Pr-Temescal 1-10yr-1hr II



Use Basin Model: Pr-Outlet 3 AMC II  
Use Basin Model: Pr-Outlet 2 AMCII  
Use Basin Model: Pr-Outlet 1 AMC II  
Use Basin Model: Ex-Outlet 1 AMC II  
Use Basin Model: Ex-Outlet 3 AMC II

End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2  
Gage: 1-hour Event  
Total Storm Precipitation: 0.93

End:

Subbasin: Pac 1, PACArea1, PACArea2  
Gage: 1-hour Event  
Total Storm Precipitation: 0.92

End:

**Meteorology: 10-year 3-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:38:37  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC II  
Use Basin Model: Ex-Temescal 1-10yr-3hr II  
Use Basin Model: Ex-Temescal 2 AMC II  
Use Basin Model: Pr-Temescal 2 AMC II  
Use Basin Model: Pr-Temescal 1 AMC II  
Use Basin Model: Pr-Temescal 1-10yr-3hr II  
Use Basin Model: Pr-Outlet 3 AMC II  
Use Basin Model: Pr-Outlet 2 AMCII  
Use Basin Model: Pr-Outlet 1 AMC II  
Use Basin Model: Ex-Outlet 1 AMC II  
Use Basin Model: Ex-Outlet 3 AMC II

End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2  
Gage: 1-hour Event

Total Storm Precipitation: 1.57  
End:

Subbasin: Pac 1, PACArea1, PACArea2  
Gage: 1-hour Event  
Total Storm Precipitation: 1.55  
End:

**Meteorology: 10-year 6-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:39:00  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC II  
Use Basin Model: Ex-Temescal 1-10yr-6hr II  
Use Basin Model: Ex-Temescal 2 AMC II  
Use Basin Model: Pr-Temescal 2 AMC II  
Use Basin Model: Pr-Temescal 1 AMC II  
Use Basin Model: Pr-Temescal 1-10yr-6hr II  
Use Basin Model: Pr-Outlet 3 AMC II  
Use Basin Model: Pr-Outlet 2 AMCI  
Use Basin Model: Pr-Outlet 1 AMC II  
Use Basin Model: Ex-Outlet 1 AMC II  
Use Basin Model: Ex-Outlet 3 AMC II

End:

Precip Method Parameters: Specified Average  
Allow Depth Override: Yes  
Set Missing Data to Zero: Yes  
End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2  
Gage: 1-hour Event  
Total Storm Precipitation: 2.29  
End:

Subbasin: Pac 1, PACArea1, PACArea2  
Gage: 1-hour Event  
Total Storm Precipitation: 2.27  
End:

**Meteorology: 10-year 24-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:37:49  
Version: 3.2  
Unit System: English  
Precipitation Method: Specified Average  
Snowmelt Method: None  
Use Basin Model: Ex-Outlet 2 AMC II 24-hr  
Use Basin Model: Ex-Temescal 1-10yr-24hr II  
Use Basin Model: Ex-Temescal 2 AMC II 24

Use Basin Model: Pr-Temescal 2 AMC II 24-hr  
Use Basin Model: Pr-Temescal 1-10yr-24hr II  
Use Basin Model: Pr-Outlet 3 AMC II 24-hr  
Use Basin Model: Pr-Outlet 1 AMC II 24-hour  
Use Basin Model: Ex-Outlet 1 AMC II 24-hr  
Use Basin Model: Ex-Outlet 3 AMC II 24-hr  
Use Basin Model: Pr-Outlet 2 AMCII 24-hour

End:

Precip Method Parameters: Specified Average

Allow Depth Override: No

Set Missing Data to Zero: Yes

End:

Subbasin: Area3

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Area 4

Gage: 10-year 24-hour F=0.3

End:

Subbasin: Area 6

Gage: 10-year 24-hour F=0.1

End:

Subbasin: Area 8

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Ex Area 1

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Ex Area 2

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Ex Area 3

Gage: 10-year 24-hour F=0.1

End:

Subbasin: Ex Area 4

Gage: 10-year 24-hour F=0.3

End:

Subbasin: Horsethief1

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Horsethief2

Gage: 10-year 24-hour F=0.3

End:

Subbasin: Horsethief3

Gage: 10-year 24-hour F=0.3

End:

Subbasin: MSHCP2

Gage: 10-year 24-hour F=0.2

End:

Subbasin: MSHCP2\*

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 1

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 10

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 11

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 12

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 13

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 14

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 2

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 3

Gage: 10-year 24-hour F=0.2

End:

Subbasin: Pac 4

Gage: 10-year 24-hour F=0.2

|                             |                             |
|-----------------------------|-----------------------------|
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: Pac 5             | End:                        |
| Gage: 10-year 24-hour F=0.1 | Subbasin: PacArea5          |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: Pac 6             | End:                        |
| Gage: 10-year 24-hour F=0.1 | Subbasin: PacArea6          |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: Pac 7             | End:                        |
| Gage: 10-year 24-hour F=0.1 | Subbasin: R-Area 1          |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: Pac 8             | End:                        |
| Gage: 10-year 24-hour F=0.1 | Subbasin: R-Area 2          |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: Pac 9             | End:                        |
| Gage: 10-year 24-hour F=0.2 | Subbasin: R-Area 5          |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: PACArea1          | End:                        |
| Gage: 10-year 24-hour F=0.2 | Subbasin: R-Area 7          |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: PACArea2          | End:                        |
| Gage: 10-year 24-hour F=0.2 | Subbasin: Shed1             |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: PacArea3          | End:                        |
| Gage: 10-year 24-hour F=0.1 | Subbasin: Shed2             |
| End:                        | Gage: 10-year 24-hour F=0.2 |
| Subbasin: PacArea4          | End:                        |

**Meteorology: 100-year 1-hour**

Last Modified Date: 23 September 2008  
 Last Modified Time: 00:30:56  
 Version: 3.2  
 Unit System: English  
 Precipitation Method: Specified Average  
 Snowmelt Method: None  
 Use Basin Model: 100-year 1-hour Config  
 Use Basin Model: Ex-Outlet 2 AMC II  
 Use Basin Model: Ex-Temescal 2 AMC II  
 Use Basin Model: Ex-Temescal 1-100yr-1hr II  
 Use Basin Model: Pr-Temescal 2 AMC II  
 Use Basin Model: Pr-Temescal 1 AMC II  
 Use Basin Model: Pr-Temescal 1-100yr-1hr II  
 Use Basin Model: Pr-Outlet 3 AMC II  
 Use Basin Model: Pr-Outlet 2 AMCII  
 Use Basin Model: Pr-Outlet 1 AMC II  
 Use Basin Model: Ex-Outlet 1 AMC II  
 Use Basin Model: Ex-Outlet 3 AMC II

End:

Precip Method Parameters: Specified Average

Allow Depth Override: Yes

Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2

Gage: 1-hour Event

Total Storm Precipitation: 1.60

End:

Subbasin: Pac 1, PACArea1, PACArea2

Gage: 1-hour Event

Total Storm Precipitation: 1.58

End:

**Meteorology: 100-year 3-hour**

Last Modified Date: 23 September 2008

Last Modified Time: 00:34:07

Version: 3.2

Unit System: English

Precipitation Method: Specified Average

Snowmelt Method: None

Use Basin Model: Ex-Outlet 2 AMC II

Use Basin Model: Ex-Temescal 1-100yr-3hr II

Use Basin Model: Ex-Temescal 2 AMC II

Use Basin Model: Pr-Temescal 2 AMC II

Use Basin Model: Pr-Temescal 1 AMC II

Use Basin Model: Pr-Temescal 1-100yr-3hr II

Use Basin Model: Pr-Outlet 3 AMC II

Use Basin Model: Pr-Outlet 2 AMCI

Use Basin Model: Pr-Outlet 1 AMC II

Use Basin Model: Ex-Outlet 1 AMC II

Use Basin Model: Ex-Outlet 3 AMC II

End:

Precip Method Parameters: Specified Average

Allow Depth Override: Yes

Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2

Gage: 1-hour Event

Total Storm Precipitation: 2.51

End:

Subbasin: Pac 1, PACArea1, PACArea2

Gage: 1-hour Event

Total Storm Precipitation: 2.48

End:

Meteorology: 100-year 6-hour

Last Modified Date: 23 September 2008

Last Modified Time: 00:34:50

Version: 3.2

Unit System: English

Precipitation Method: Specified Average

Snowmelt Method: None

Use Basin Model: Ex-Outlet 2 AMC II

Use Basin Model: Ex-Temescal 1-100yr-6hr II

Use Basin Model: Ex-Temescal 2 AMC II

Use Basin Model: Pr-Temescal 2 AMC II

Use Basin Model: Pr-Temescal 1 AMC II

Use Basin Model: Pr-Temescal 1-100yr-6hr II

Use Basin Model: Pr-Outlet 3 AMC II

Use Basin Model: Pr-Outlet 2 AMCI

Use Basin Model: Pr-Outlet 1 AMC II

Use Basin Model: Ex-Outlet 1 AMC II

Use Basin Model: Ex-Outlet 3 AMC II

End:

Precip Method Parameters: Specified Average

Allow Depth Override: Yes

Set Missing Data to Zero: Yes

End:

Subbasin: Area3, Area 4, Area 6, Area 8, Ex Area 1, Ex Area 2, Ex Area 3, Ex Area 4, Horsethief1, Horsethief2, Horsethief3, MSHCP2, MSHCP2\*, Pac 2, Pac 3, Pac 4, Pac 5, Pac 6, Pac 7, Pac 8, Pac 9, Pac 10, Pac 11, Pac 12, Pac 13, Pac 14, PACArea3, PACArea4, PACArea5, PACArea6, R-Area 1, R-Area 2, R-Area 5, R-Area 7, Shed1, Shed2

Gage: 1-hour Event

Total Storm Precipitation: 3.56

End:

Subbasin: Pac 1, PACArea1, PACArea2

Gage: 1-hour Event

Total Storm Precipitation: 3.52

End:

## **BASIN DATA**

**Basin: Ex-Outlet 1 AMC I**

Last Modified Date: 23 September 2008  
Last Modified Time: 01:28:10  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: PacArea3  
Canvas X: 6209079.509265847  
Canvas Y: 2208298.067578277  
Area: 0.288  
Downstream: Ex-Outlet 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.29

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.24

Baseflow: None

Erosion: None  
End:

Junction: Ex-Outlet 1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2212341.5444377013  
Last View S: 2203284.171946584  
Last View W: 6204885.385822997  
Last View E: 6216134.988598589  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093

Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

**Basin: Ex-Outlet 1 AMC I 24hr**

Last Modified Date: 23  
September 2008  
Last Modified Time: 01:28:14  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: PacArea3  
Canvas X: 6209079.509265847  
Canvas Y: 2208298.067578277  
Area: 0.288  
Downstream: Ex-Outlet 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.24

Baseflow: None

Erosion: None  
End:

Junction: Ex-Outlet 1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N:  
2213143.9114430198  
Last View S: 2201645.423650269  
Last View W:  
6200422.1116652815  
Last View E:  
6220980.014082624  
Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes

Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Outlet 1 AMC II**

Last Modified Date: 23 September 2008  
Last Modified Time: 01:28:24  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: PacArea3  
Canvas X: 6209079.509265847  
Canvas Y: 2208298.067578277  
Area: 0.288  
Downstream: Ex-Outlet 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.15

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.24

Baseflow: None

Erosion: None  
End:

Junction: Ex-Outlet 1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2212272.813882963  
Last View S: 2205739.5821825364  
Last View W: 6203006.367760117  
Last View E: 6215695.355551612  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes



Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Outlet 1 AMC II 24-hr**

Last Modified Date: 23 September 2008  
Last Modified Time: 01:28:31  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: PacArea3  
Canvas X: 6209079.509265847  
Canvas Y: 2208298.067578277  
Area: 0.288  
Downstream: Ex-Outlet 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0  
Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.24

Baseflow: None

Erosion: None  
End:

Junction: Ex-Outlet 1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2211245.9216321115  
Last View S: 2206528.467723873  
Last View W: 6206366.681989113  
Last View E: 6215538.044894515  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap

Map File Name:  
R:\06\1000\REPORTS\HYDRO\Spe  
cific Plan\Exist PacificClay-  
Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Outlet 2 AMC I**

Last Modified Date: 24  
September 2008  
Last Modified Time: 17:46:08  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: PacArea4  
Canvas X: 6205354.69067762  
Canvas Y: 2204589.826599924  
Area: 0.516  
Downstream: PacJunction 4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.41

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.25

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief1  
Canvas X: 6205644.299308085  
Canvas Y: 2206696.0711851236  
Area: 0.128  
Downstream: PacNatural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.34

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None  
End:

Subbasin: PacArea5  
Canvas X: 6208290.082626317  
Canvas Y: 2208864.361978667  
Area: 0.115  
Downstream: Ex-Outlet 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.36

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: PacNatural 2  
Canvas X: 6207382.585898741  
Canvas Y: 2208122.6159617775  
From Canvas X: 6206963.826305051  
From Canvas Y: 2207929.853609127  
Downstream: PacJunction 4

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 700  
Energy Slope: 0.08  
Width: 40  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Pac Natural 3  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424  
From Canvas X: 6207382.585898741  
From Canvas Y: 2208122.6159617775  
Downstream: Ex-Outlet 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2928  
Energy Slope: 0.05  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Ex-Outlet 2  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424  
End:

Junction: PacJunction 4  
Canvas X: 6207382.585898741  
Canvas Y: 2208122.6159617775  
Downstream: Pac Natural 3  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2195413.9465780845  
Last View W: 6194876.123866253  
Last View E: 6220585.995035746  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Outlet 2 AMC I 24-hr**

Last Modified Date: 24 September 2008  
Last Modified Time: 17:46:37  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: PacArea4  
Canvas X: 6205354.69067762  
Canvas Y: 2204589.826599924  
Area: 0.516  
Downstream: PacJunction 4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.25

Baseflow: None

Erosion: None

End:

Subbasin: Horsethief1  
Canvas X: 6205644.299308085

Canvas Y: 2206696.0711851236  
Area: 0.128  
Downstream: PacNatural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None

End:

Subbasin: PacArea5  
Canvas X: 6208290.082626317  
Canvas Y: 2208864.361978667  
Area: 0.115  
Downstream: Ex-Outlet 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None

End:

Reach: PacNatural 2  
Canvas X: 6207382.585898741  
Canvas Y: 2208122.6159617775  
From Canvas X:  
6206963.826305051  
From Canvas Y:  
2207929.853609127  
Downstream: PacJunction 4

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 700  
Energy Slope: 0.08  
Width: 40  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Pac Natural 3  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424

From Canvas X: 6207382.585898741  
From Canvas Y: 2208122.6159617775  
Downstream: Ex-Outlet 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2928  
Energy Slope: 0.05  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Junction: Ex-Outlet 2  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424

End:

Junction: PacJunction 4  
Canvas X: 6207382.585898741  
Canvas Y: 2208122.6159617775  
Downstream: Pac Natural 3

End:

Basin Schematic Properties:  
Last View N: 2212666.582629604  
Last View S: 2200062.937773981  
Last View W: 6200521.9637689  
Last View E: 6214561.837922024  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

**Basin: Ex-Outlet 2 AMC II**

Description: PacArea4-5-6 existing condition  
Last Modified Date: 24 September 2008  
Last Modified Time: 17:47:10  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: PacArea4  
Canvas X: 6205354.69067762  
Canvas Y: 2204589.826599924  
Area: 0.516

Downstream: PacJunction 4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.23

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.25

Baseflow: None

Erosion: None

End:

Subbasin: Horsethief1  
Canvas X: 6205644.299308085  
Canvas Y: 2206696.0711851236  
Area: 0.128  
Downstream: PacNatural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.22

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None

End:

Subbasin: PacArea5  
Canvas X: 6208290.082626317  
Canvas Y: 2208864.361978667  
Area: 0.115  
Downstream: Ex-Outlet 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None

End:

Reach: PacNatural 2  
Canvas X: 6207476.491639718  
Canvas Y: 2208189.5268400246  
From Canvas X: 6206963.826305051

From Canvas Y: 2207929.853609127

Downstream: PacJunction 4

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 700  
Energy Slope: 0.08  
Width: 40  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Pac Natural 3  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424  
From Canvas X: 6207476.491639718  
From Canvas Y: 2208189.5268400246

Downstream: Ex-Outlet 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2928  
Energy Slope: 0.05  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Junction: Ex-Outlet 2  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424

End:

Junction: PacJunction 4  
Canvas X: 6207476.491639718  
Canvas Y: 2208189.5268400246  
Downstream: Pac Natural 3

End:

Basin Schematic Properties:  
Last View N: 2210643.488256616  
Last View S: 2204339.626308268  
Last View W: 6202543.998682793  
Last View E: 6213129.729124359  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap

Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

**Basin: Ex-Outlet 2 AMC II 24-hr**

Last Modified Date: 24 September 2008  
Last Modified Time: 17:47:24  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: PacArea4  
Canvas X: 6205354.69067762  
Canvas Y: 2204589.826599924  
Area: 0.516  
Downstream: PacJunction 4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.25

Baseflow: None

Erosion: None

End:

Subbasin: Horsethief1  
Canvas X: 6205644.299308085  
Canvas Y: 2206696.0711851236  
Area: 0.128  
Downstream: PacNatural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None

End:

Subbasin: PacArea5

Canvas X: 6208290.082626317  
Canvas Y: 2208864.361978667  
Area: 0.115  
Downstream: Ex-Outlet 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: PacNatural 2  
Canvas X: 6207476.491639718  
Canvas Y: 2208189.5268400246  
From Canvas X: 6206963.826305051  
From Canvas Y: 2207929.853609127  
Downstream: PacJunction 4

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 700  
Energy Slope: 0.08  
Width: 40  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Pac Natural 3  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424  
From Canvas X: 6207476.491639718  
From Canvas Y: 2208189.5268400246  
Downstream: Ex-Outlet 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2928  
Energy Slope: 0.05  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Ex-Outlet 2  
Canvas X: 6209027.525640716  
Canvas Y: 2210312.673484424  
End:

Junction: PacJunction 4  
Canvas X: 6207476.491639718  
Canvas Y: 2208189.5268400246  
Downstream: Pac Natural 3  
End:

Basin Schematic Properties:

Last View N:  
2211310.0050656223  
Last View S:  
2200412.9391004355  
Last View W:  
6200774.035303343  
Last View E:  
6214863.171096716  
Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093

Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Outlet 3 AMC I**

Last Modified Date: 24  
September 2008  
Last Modified Time: 15:25:55  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: Horsethief2  
Canvas X: 6206801.849575663  
Canvas Y: 2208302.341681401  
Area: 0.013  
Downstream: Pac Natural4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.39

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief3  
Canvas X: 6206843.119700206  
Canvas Y: 2209202.0303964587  
Area: 0.016  
Downstream: PacNatural5

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.39

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None  
End:

Subbasin: PacArea6  
Canvas X: 6207647.828654428  
Canvas Y: 2209641.9077170645  
Area: 0.045  
Downstream: Ex-Outlet 3

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.38

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Reach: PacNatural5  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
From Canvas X: 6207073.350833383  
From Canvas Y: 2209680.9299721303  
Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1237  
Energy Slope: 0.12  
Width: 50  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Pac Natural4  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
From Canvas X: 6207038.436236322  
From Canvas Y: 2208716.9981717984  
Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2016  
Energy Slope: 0.10  
Width: 50  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Ex-Outlet 3  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
End:

Basin Schematic Properties:  
Last View N: 2210651.2340749553  
Last View S: 2208850.514343695  
Last View W: 6206520.970165658  
Last View E: 6209307.218939027  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:

R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Ex-Outlet 3 AMC I 24-hr

Last Modified Date: 24 September 2008  
Last Modified Time: 15:26:08  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: Horsethief2  
Canvas X: 6206801.849575663  
Canvas Y: 2208302.341681401  
Area: 0.013  
Downstream: Pac Natural4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief3  
Canvas X: 6206843.119700206  
Canvas Y: 2209202.0303964587  
Area: 0.016  
Downstream: PacNatural5

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None  
End:

Subbasin: PacArea6  
Canvas X: 6207647.828654428  
Canvas Y: 2209641.9077170645  
Area: 0.045  
Downstream: Ex-Outlet 3

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Reach: PacNatural5  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
From Canvas X:  
6207073.350833383

From Canvas Y: 2209680.9299721303  
Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1237  
Energy Slope: 0.12  
Width: 50  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Pac Natural4  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
From Canvas X: 6207038.436236322  
From Canvas Y: 2208716.9981717984  
Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2016  
Energy Slope: 0.10  
Width: 50  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Ex-Outlet 3  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
End:

Basin Schematic Properties:  
Last View N: 2211250.8018486695  
Last View S: 2206903.3276437894  
Last View W: 6205400.815560633  
Last View E: 6211235.1259435825  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:

R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

#### Basin: Ex-Outlet 3 AMC II

Description: Existing PacArea 7-8-9  
Last Modified Date: 24 September 2008  
Last Modified Time: 15:45:32  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No

Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Horsethief2  
Canvas X: 6206801.849575663  
Canvas Y: 2208302.341681401  
Area: 0.013  
Downstream: Pac Natural4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief3  
Canvas X: 6206843.119700206  
Canvas Y: 2209202.0303964587  
Area: 0.016  
Downstream: PacNatural5

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None  
End:

Subbasin: PacArea6  
Canvas X: 6207647.828654428  
Canvas Y: 2209641.9077170645  
Area: 0.045  
Downstream: Ex-Outlet 3

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.21

Transform: User-Specified S-Graph

S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Reach: PacNatural5  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
From Canvas X:  
6207073.350833383  
From Canvas Y:  
2209680.9299721303  
Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1237  
Energy Slope: 0.12  
Width: 50  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Pac Natural4  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
From Canvas X:  
6207038.436236322  
From Canvas Y:  
2208716.9981717984  
Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2016  
Energy Slope: 0.10  
Width: 50  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Ex-Outlet 3  
Canvas X: 6207907.8889134405  
Canvas Y: 2210316.323759145  
End:

Basin Schematic Properties:  
Last View N:  
2211442.090713685  
Last View S:  
2206552.7665768173  
Last View W: 6204430.99162427  
Last View E:  
6211672.342741353  
Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093  
Extent Method: Elements Maps

Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Ex-Outlet 3 AMC II 24-hr

Last Modified Date: 24 September 2008  
Last Modified Time: 15:26:28  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Horsethief2  
Canvas X: 6206801.849575663  
Canvas Y: 2208302.341681401  
Area: 0.013  
Downstream: Pac Natural4

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief3  
Canvas X: 6206843.119700206  
Canvas Y: 2209202.0303964587  
Area: 0.016  
Downstream: PacNatural5

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills

Lag: 0.04

Baseflow: None

Erosion: None

End:

Subbasin: PacArea6  
 Canvas X: 6207647.828654428  
 Canvas Y: 2209641.9077170645  
 Area: 0.045  
 Downstream: Ex-Outlet 3

Canopy: None

Surface: None

LossRate: Initial+Constant  
 Percent Impervious Area: 0.0  
 Initial Loss: 0  
 Constant Loss Rate: 0

Transform: User-Specified S-Graph  
 S-graph: S-Graph Foothills  
 Lag: 0.05

Baseflow: None

Erosion: None

End:

Reach: PacNatural5  
 Canvas X: 6207907.8889134405  
 Canvas Y: 2210316.323759145  
 From Canvas X: 6207073.350833383  
 From Canvas Y: 2209680.9299721303  
 Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
 Channel: Trapezoid  
 Length: 1237  
 Energy Slope: 0.12  
 Width: 50  
 Side Slope: 10  
 Mannings n: 0.03  
 Channel Loss: None

Route Sediment: No

End:

Reach: Pac Natural4  
 Canvas X: 6207907.8889134405  
 Canvas Y: 2210316.323759145  
 From Canvas X: 6207038.436236322  
 From Canvas Y: 2208716.9981717984  
 Downstream: Ex-Outlet 3

Route: Muskingum Cunge  
 Channel: Trapezoid  
 Length: 2016  
 Energy Slope: 0.10  
 Width: 50  
 Side Slope: 10  
 Mannings n: 0.03  
 Channel Loss: None

Route Sediment: No

End:

Junction: Ex-Outlet 3  
 Canvas X: 6207907.8889134405  
 Canvas Y: 2210316.323759145

End:

Basin Schematic Properties:  
 Last View N:  
 2211634.009005588  
 Last View S:  
 2206204.1675478998  
 Last View W:  
 6203325.770198804  
 Last View E:  
 6212849.770188759  
 Maximum View N:  
 2211442.090713685  
 Maximum View S:  
 2194578.195608364  
 Maximum View W:  
 6194876.123866253  
 Maximum View E:  
 6221125.1970093  
 Extent Method: Elements Maps  
 Buffer: 0  
 Draw Icons: Yes  
 Draw Icon Labels: Yes  
 Draw Gridlines: Yes  
 Draw Flow Direction: Yes  
 Fix Element Locations: No  
 Map: hec.map.dxf.DxfMap  
 Map File Name:  
 R:\06\1000\REPORTS\HYDRO\Spe  
 cific Plan\Exist PacificClay-  
 Ridge.dxf  
 Map Shown: Yes

End:

**Basin: Ex-Temescal 1-2yr-1hr I**

Last Modified Date: 23  
 September 2008  
 Last Modified Time: 15:56:08  
 Version: 3.2  
 Unit System: English  
 Missing Flow To Zero: No  
 Enable Flow Ratio: No  
 Allow Blending: No  
 Compute Local Flow At  
 Junctions: No

Sediment Grade Scale: NONE  
 Enable Sediment Routing: No  
 Fall Velocity Method:  
 UNSPECIFIED

End:

Subbasin: Shed2  
 Canvas X: 6218154.253051927  
 Canvas Y: 2206728.7813775023  
 Area: 0.136  
 Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
 Percent Impervious Area: 0.0  
 Initial Loss: 0  
 Constant Loss Rate: 0.28

Transform: User-Specified S-  
 Graph  
 S-graph: S-Graph Foothills

Lag: 0.08

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2\*  
 Canvas X: 6219871.13739246  
 Canvas Y: 2205452.9213186176  
 Area: 0.023  
 Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
 Percent Impervious Area: 0.0  
 Initial Loss: 0  
 Constant Loss Rate: 0.43

Transform: User-Specified S-Graph  
 S-graph: S-Graph Foothills  
 Lag: 0.06

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2  
 Canvas X: 6219341.698864624  
 Canvas Y: 2204784.613668726  
 Area: 0.034  
 Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
 Percent Impervious Area: 0.0  
 Initial Loss: 0  
 Constant Loss Rate: 0.37

Transform: User-Specified S-Graph  
 S-graph: S-Graph Foothills  
 Lag: 0.09

Baseflow: None

Erosion: None

End:

Subbasin: Shed1  
 Canvas X: 6218501.425857066  
 Canvas Y: 2205444.241998489  
 Area: 0.141  
 Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
 Percent Impervious Area: 0.0  
 Initial Loss: 0  
 Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
 S-graph: S-Graph Foothills

|                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|
| Lag: 0.07                         | Area: 0.195                       | End:                              |
| Baseflow: None                    | Downstream: Junction-2            |                                   |
| Erosion: None                     | Canopy: None                      | Reach: Natural4                   |
| End:                              | Surface: None                     | Canvas X: 6214212.2206687         |
|                                   |                                   | Canvas Y: 2210356.130740453       |
| Reach: Natural 2                  | LossRate: Initial+Constant        | From Canvas X: 6214507.317553068  |
| Canvas X: 6216798.658066983       | Percent Impervious Area: 0.0      | From Canvas Y: 2209062.9120413116 |
| Canvas Y: 2205938.963245812       | Initial Loss: 0                   | Downstream: Ex-Temescal 1         |
| From Canvas X: 6219836.420111947  | Constant Loss Rate: 0.33          |                                   |
| From Canvas Y: 2205426.883358232  |                                   | Route: Muskingum Cunge            |
| Downstream: Junction-1            | Transform: User-Specified S-Graph | Channel: Trapezoid                |
|                                   | S-graph: S-Graph Foothills        | Length: 1110                      |
| Route: Muskingum Cunge            | Lag: 0.19                         | Energy Slope: 0.02                |
| Channel: Trapezoid                |                                   | Width: 80                         |
| Length: 2760                      | Baseflow: None                    | Side Slope: 3                     |
| Energy Slope: 0.07                | Erosion: None                     | Mannings n: 0.03                  |
| Width: 30                         | End:                              | Channel Loss: None                |
| Side Slope: 10                    |                                   |                                   |
| Mannings n: 0.03                  | Subbasin: Ex Area 3               | Route Sediment: No                |
| Channel Loss: None                | Canvas X: 6216668.468265056       | End:                              |
|                                   | Canvas Y: 2207925.9211044824      | Junction: Junction-2              |
| Route Sediment: No                | Area: 0.251                       | Canvas X: 6214507.317553068       |
| End:                              | Downstream: Junction-2            | Canvas Y: 2209062.9120413116      |
|                                   |                                   | Downstream: Natural4              |
| Reach: Natural 1                  | Canopy: None                      | End:                              |
| Canvas X: 6216798.658066983       | Surface: None                     | Sink: Ex-Temescal 1               |
| Canvas Y: 2205938.963245812       |                                   | Canvas X: 6214212.2206687         |
| From Canvas X: 6219341.698864624  | LossRate: Initial+Constant        | Canvas Y: 2210356.130740453       |
| From Canvas Y: 2204784.613668726  | Percent Impervious Area: 0.0      | End:                              |
| Downstream: Junction-1            | Initial Loss: 0                   |                                   |
|                                   | Constant Loss Rate: 0.23          | Subbasin: Ex Area 4               |
| Route: Muskingum Cunge            | Transform: User-Specified S-Graph | Canvas X: 6215259.794454897       |
| Channel: Trapezoid                | S-graph: S-Graph Foothills        | Canvas Y: 2209548.953968506       |
| Length: 2230                      | Lag: 0.23                         | Area: 0.118                       |
| Energy Slope: 0.04                |                                   | Downstream: Ex-Temescal 1         |
| Width: 30                         | Baseflow: None                    |                                   |
| Side Slope: 10                    | Erosion: None                     | Canopy: None                      |
| Mannings n: 0.03                  | End:                              | Surface: None                     |
| Channel Loss: None                |                                   | LossRate: Initial+Constant        |
|                                   | Junction: Junction-1              | Percent Impervious Area: 0.0      |
| Route Sediment: No                | Canvas X: 6216798.658066983       | Initial Loss: 0                   |
| End:                              | Canvas Y: 2205938.963245812       | Constant Loss Rate: 0.49          |
| Subbasin: Ex Area 1               | Downstream: Natural3              |                                   |
| Canvas X: 6214941.283559491       | Reach: Natural3                   | Transform: User-Specified S-Graph |
| Canvas Y: 2204687.9255644092      | Canvas X: 6214507.317553068       | S-graph: S-Graph Foothills        |
| Area: 0.376                       | Canvas Y: 2209062.9120413116      | Lag: 0.14                         |
| Downstream: Junction-2            | From Canvas X:                    |                                   |
|                                   | 6216798.658066983                 | Baseflow: None                    |
| Canopy: None                      | From Canvas Y:                    | Erosion: None                     |
|                                   | 2205938.963245812                 | End:                              |
| Surface: None                     | Downstream: Junction-2            | Source: Lake-Detention            |
|                                   |                                   | Canvas X: 6216830.427178184       |
| LossRate: Initial+Constant        | Route: Muskingum Cunge            | Canvas Y: 2205535.999787129       |
| Percent Impervious Area: 0.0      | Channel: Trapezoid                | Area: 0.515                       |
| Initial Loss: 0                   | Length: 3967                      | Downstream: Junction-1            |
| Constant Loss Rate: 0.36          | Energy Slope: 0.01                |                                   |
|                                   | Width: 80                         | Flow Gage: 2yr-1hr Detention      |
| Transform: User-Specified S-Graph | Side Slope: 3                     | End:                              |
| S-graph: S-Graph Foothills        | Mannings n: 0.03                  | Basin Schematic Properties:       |
| Lag: 0.23                         | Channel Loss: None                | Last View N: 2211250.100713685    |
|                                   |                                   | Last View S: 2194386.205608363    |
| Baseflow: None                    | Route Sediment: No                | Last View W: 6194334.583866252    |
|                                   |                                   | Last View E: 6220583.6570093      |
| Erosion: None                     |                                   | Maximum View N: 2211250.100713685 |
| End:                              |                                   | Maximum View S: 2194386.205608363 |
| Subbasin: Ex Area 2               |                                   |                                   |
| Canvas X: 6214027.330996655       |                                   |                                   |
| Canvas Y: 2206849.6854085526      |                                   |                                   |



Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Temescal 1-2yr-3hr I**

Last Modified Date: 23 September 2008  
Last Modified Time: 15:57:47  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Shed2  
Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2\*  
Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.43

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2  
Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726  
Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.37

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Shed1  
Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Reach: Natural 2  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X:  
6219836.420111947  
From Canvas Y:  
2205426.883358232  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid

Length: 2760  
Energy Slope: 0.07  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural 1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219341.698864624  
From Canvas Y: 2204784.613668726  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2230  
Energy Slope: 0.04  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: Ex Area 1  
Canvas X: 6214941.283559491  
Canvas Y: 2204687.9255644092  
Area: 0.376  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.36

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 2  
Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526  
Area: 0.195  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.33

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 3  
Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.23

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Junction: Junction-1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3  
End:

Reach: Natural3  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X: 6216798.658066983  
From Canvas Y: 2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural4  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X: 6214507.317553068  
From Canvas Y: 2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-2  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4  
End:

Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
End:

Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.49

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None  
End:

Source: Lake-Detention  
Canvas X: 6216830.427178184  
Canvas Y: 2205535.999787129  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 2yr-3hr Detention  
End:

Basin Schematic Properties:  
Last View N:  
2211806.385404118  
Last View S: 2200413.657911279  
Last View W:  
6206786.434266716  
Last View E:  
6220211.532744458  
Maximum View N:  
2211250.100713685  
Maximum View S:  
2194386.205608363  
Maximum View W:  
6194334.583866252  
Maximum View E:  
6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Spe

cific Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Temescal 1-2yr-6hr I**

Last Modified Date: 23 September 2008  
Last Modified Time: 15:58:22  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Shed2  
Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2\*  
Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.43

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2  
Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726

Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.37

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Shed1  
Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Reach: Natural 2  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219836.420111947  
From Canvas Y: 2205426.883358232  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2760  
Energy Slope: 0.07  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural 1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219341.698864624  
From Canvas Y: 2204784.613668726  
Downstream: Junction-1

Route: Muskingum Cunge

Channel: Trapezoid  
Length: 2230  
Energy Slope: 0.04  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: Ex Area 1  
Canvas X: 6214941.283559491  
Canvas Y: 2204687.9255644092  
Area: 0.376  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.36

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 2  
Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526  
Area: 0.195  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.33

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 3  
Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant

Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.23

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Junction: Junction-1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3  
End:

Reach: Natural3  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X: 6216798.658066983  
From Canvas Y: 2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural4  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X: 6214507.317553068  
From Canvas Y: 2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-2  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4  
End:

Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
End:

Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118

|                                       |                                   |                                   |
|---------------------------------------|-----------------------------------|-----------------------------------|
| Downstream: Ex-Temescal 1             | Area: 0.136                       | Subbasin: Shed1                   |
| Canopy: None                          | Downstream: Junction-1            | Canvas X: 6218501.425857066       |
| Surface: None                         | Canopy: None                      | Canvas Y: 2205444.241998489       |
| LossRate: Initial+Constant            | Surface: None                     | Area: 0.141                       |
| Percent Impervious Area: 0.0          | LossRate: Initial+Constant        | Downstream: Junction-1            |
| Initial Loss: 0                       | Percent Impervious Area: 0.0      | Canopy: None                      |
| Constant Loss Rate: 0.49              | Initial Loss: 0                   | Surface: None                     |
| Transform: User-Specified S-Graph     | Constant Loss Rate: 0             | LossRate: Initial+Constant        |
| S-graph: S-Graph Foothills            | Transform: User-Specified S-Graph | Percent Impervious Area: 0.0      |
| Lag: 0.14                             | Graph                             | Initial Loss: 0                   |
| Baseflow: None                        | S-graph: S-Graph Foothills        | Constant Loss Rate: 0             |
| Erosion: None                         | Lag: 0.08                         | Transform: User-Specified S-Graph |
| End:                                  | Baseflow: None                    | S-graph: S-Graph Foothills        |
| Source: Lake-Detention                | Erosion: None                     | Lag: 0.07                         |
| Canvas X: 6216830.427178184           | End:                              | Baseflow: None                    |
| Canvas Y: 2205535.999787129           | Subbasin: MSHCP2*                 | Erosion: None                     |
| Area: 0.515                           | Canvas X: 6219871.13739246        | End:                              |
| Downstream: Junction-1                | Canvas Y: 2205452.9213186176      | Reach: Natural 2                  |
| Flow Gage: 2yr-6hr Detention          | Area: 0.023                       | Canvas X: 6216798.658066983       |
| End:                                  | Downstream: Natural 2             | Canvas Y: 2205938.963245812       |
| Basin Schematic Properties:           | Canopy: None                      | From Canvas X: 6219836.420111947  |
| Last View N: 2211806.385404118        | Surface: None                     | From Canvas Y: 2205426.883358232  |
| Last View S: 2200413.657911279        | LossRate: Initial+Constant        | Downstream: Junction-1            |
| Last View W: 6206786.434266716        | Percent Impervious Area: 0.0      | Route: Muskingum Cunge            |
| Last View E: 6220211.532744458        | Initial Loss: 0                   | Channel: Trapezoid                |
| Maximum View N: 2211250.100713685     | Constant Loss Rate: 0             | Length: 2760                      |
| Maximum View S: 2194386.205608363     | Transform: User-Specified S-Graph | Energy Slope: 0.07                |
| Maximum View W: 6194334.583866252     | Graph                             | Width: 30                         |
| Maximum View E: 6220583.6570093       | S-graph: S-Graph Foothills        | Side Slope: 10                    |
| Extent Method: Elements Maps          | Lag: 0.06                         | Mannings n: 0.03                  |
| Buffer: 0                             | Baseflow: None                    | Channel Loss: None                |
| Draw Icons: Yes                       | Erosion: None                     | Route Sediment: No                |
| Draw Icon Labels: Yes                 | End:                              | End:                              |
| Draw Gridlines: Yes                   | Subbasin: MSHCP2                  | Reach: Natural 1                  |
| Draw Flow Direction: Yes              | Canvas X: 6219341.698864624       | Canvas X: 6216798.658066983       |
| Fix Element Locations: No             | Canvas Y: 2204784.613668726       | Canvas Y: 2205938.963245812       |
| Map: hec.map.dxf.DxfMap               | Area: 0.034                       | From Canvas X: 6219341.698864624  |
| Map File Name:                        | Downstream: Natural 1             | From Canvas Y: 2204784.613668726  |
| R:\06\1000\REPORTS\HYDRO\Specific     | Canopy: None                      | Downstream: Junction-1            |
| Plan\Exist PacificClay-Ridge.dxf      | Surface: None                     | Route: Muskingum Cunge            |
| Map Shown: Yes                        | LossRate: Initial+Constant        | Channel: Trapezoid                |
| End:                                  | Percent Impervious Area: 0.0      | Length: 2230                      |
| Basin: Ex-Temescal 1-2yr-24hr I       | Initial Loss: 0                   | Energy Slope: 0.04                |
| Last Modified Date: 23 September 2008 | Constant Loss Rate: 0             | Width: 30                         |
| Last Modified Time: 15:57:03          | Transform: User-Specified S-Graph | Side Slope: 10                    |
| Version: 3.2                          | Graph                             | Mannings n: 0.03                  |
| Unit System: English                  | S-graph: S-Graph Foothills        | Channel Loss: None                |
| Missing Flow To Zero: No              | Lag: 0.09                         | Route Sediment: No                |
| Enable Flow Ratio: No                 | Baseflow: None                    | End:                              |
| Allow Blending: No                    | Erosion: None                     | Subbasin: Ex Area 1               |
| Compute Local Flow At Junctions: No   | End:                              | Canvas X: 6214941.283559491       |
| Sediment Grade Scale: NONE            | Subbasin: Shed2                   | Canvas Y: 2204687.9255644092      |
| Enable Sediment Routing: No           | Canvas X: 6218154.253051927       | Area: 0.376                       |
| Fall Velocity Method: UNSPECIFIED     | Canvas Y: 2206728.7813775023      | Downstream: Junction-2            |
| End:                                  |                                   | Canopy: None                      |
| Subbasin: Shed1                       |                                   | Surface: None                     |

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None

End:

Subbasin: Ex Area 2  
Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526  
Area: 0.195  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None

End:

Subbasin: Ex Area 3  
Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None

End:

Junction: Junction-1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3

End:

Reach: Natural3  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X: 6216798.658066983

From Canvas Y:  
2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Natural4  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X:  
6214507.317553068  
From Canvas Y:  
2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Junction: Junction-2  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4

End:

Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453

End:

Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None

End:

Source: Lake-Detention  
Canvas X: 6216764.043521307  
Canvas Y: 2205359.775669952  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 2yr-24hr Detention

End:

Basin Schematic Properties:  
Last View N: 2211250.100713685  
Last View S: 2197228.185301903  
Last View W: 6203380.931255785  
Last View E: 6220583.6570093  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: No  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

#### Basin: Ex-Temescal 1-5yr-1hr 1

Last Modified Date: 23 September 2008  
Last Modified Time: 15:59:08  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: Shed2  
Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2\*

Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.43

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2

Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726  
Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.37

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None

End:

Subbasin: Shed1

Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None

End:

Reach: Natural 2

Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X:  
6219836.420111947  
From Canvas Y:  
2205426.883358232  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2760  
Energy Slope: 0.07  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Natural 1

Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X:  
6219341.698864624  
From Canvas Y:  
2204784.613668726  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2230  
Energy Slope: 0.04  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Subbasin: Ex Area 1

Canvas X: 6214941.283559491  
Canvas Y: 2204687.9255644092  
Area: 0.376  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.36

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None

End:

Subbasin: Ex Area 2

Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526

Area: 0.195

Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.33

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None

End:

Subbasin: Ex Area 3

Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.23

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None

End:

Junction: Junction-1

Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3

End:

Reach: Natural3

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X: 6216798.658066983  
From Canvas Y: 2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Natural4

Canvas X: 6214212.2206687

Canvas Y: 2210356.130740453  
From Canvas X: 6214507.317553068  
From Canvas Y: 2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-2  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4  
End:

Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
End:

Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.49

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None  
End:

Source: Lake-Detention  
Canvas X: 6216830.427178184  
Canvas Y: 2205535.999787129  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 5yr-1hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2211480.9267479684  
Last View S: 2207019.1637633885  
Last View W: 6209834.86436463  
Last View E: 6218381.748003922  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0

Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Temescal 1-5yr-3hr I**

Last Modified Date: 23  
September 2008  
Last Modified Time: 16:00:37  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: Shed2  
Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2\*  
Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.43

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2  
Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726  
Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.37

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Shed1  
Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Reach: Natural 2  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219836.420111947  
From Canvas Y: 2205426.883358232  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2760  
Energy Slope: 0.07  
Width: 30  
Side Slope: 10  
Mannings n: 0.03

Channel Loss: None

Route Sediment: No  
End:

Reach: Natural 1

Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219341.698864624  
From Canvas Y: 2204784.613668726  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2230  
Energy Slope: 0.04  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: Ex Area 1

Canvas X: 6214941.283559491  
Canvas Y: 2204687.9255644092  
Area: 0.376  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.36

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 2

Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526  
Area: 0.195  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.33

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 3

Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.23

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Junction: Junction-1

Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3

End:

Reach: Natural3

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X:  
6216798.658066983  
From Canvas Y:  
2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural4

Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X:  
6214507.317553068  
From Canvas Y:  
2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-2

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4

End:

Sink: Ex-Temescal 1

Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453

End:

Subbasin: Ex Area 4

Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.49

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None  
End:

Source: Lake-Detention

Canvas X: 6216830.427178184  
Canvas Y: 2205535.999787129  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 5yr-3hr Detention  
End:

Basin Schematic Properties:

Last View N: 2211806.385404118  
Last View S: 2200413.657911279  
Last View W: 6206786.434266716  
Last View E: 6220211.532744458  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0

Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

**Basin: Ex-Temescal 1-5yr-6hr I**



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| <p>Last Modified Date: 23 September 2008<br/> Last Modified Time: 16:01:22<br/> Version: 3.2<br/> Unit System: English<br/> Missing Flow To Zero: No<br/> Enable Flow Ratio: No<br/> Allow Blending: No<br/> Compute Local Flow At Junctions: No</p> <p>Sediment Grade Scale: NONE<br/> Enable Sediment Routing: No<br/> Fall Velocity Method: UNSPECIFIED</p> <p>End:</p> <p>Subbasin: Shed2<br/> Canvas X: 6218154.253051927<br/> Canvas Y: 2206728.7813775023<br/> Area: 0.136<br/> Downstream: Junction-1</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.28</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.08</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: MSHCP2*<br/> Canvas X: 6219871.13739246<br/> Canvas Y: 2205452.9213186176<br/> Area: 0.023<br/> Downstream: Natural 2</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.43</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.06</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: MSHCP2<br/> Canvas X: 6219341.698864624<br/> Canvas Y: 2204784.613668726<br/> Area: 0.034<br/> Downstream: Natural 1</p> <p>Canopy: None</p> | <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.37</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.09</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: Shed1<br/> Canvas X: 6218501.425857066<br/> Canvas Y: 2205444.241998489<br/> Area: 0.141<br/> Downstream: Junction-1</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.31</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.07</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Reach: Natural 2<br/> Canvas X: 6216798.658066983<br/> Canvas Y: 2205938.963245812<br/> From Canvas X:<br/> 6219836.420111947<br/> From Canvas Y:<br/> 2205426.883358232<br/> Downstream: Junction-1</p> <p>Route: Muskingum Cunge<br/> Channel: Trapezoid<br/> Length: 2760<br/> Energy Slope: 0.07<br/> Width: 30<br/> Side Slope: 10<br/> Mannings n: 0.03<br/> Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Reach: Natural 1<br/> Canvas X: 6216798.658066983<br/> Canvas Y: 2205938.963245812<br/> From Canvas X:<br/> 6219341.698864624<br/> From Canvas Y:<br/> 2204784.613668726<br/> Downstream: Junction-1</p> | <p>Route: Muskingum Cunge<br/> Channel: Trapezoid<br/> Length: 2230<br/> Energy Slope: 0.04<br/> Width: 30<br/> Side Slope: 10<br/> Mannings n: 0.03<br/> Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Subbasin: Ex Area 1<br/> Canvas X: 6214941.283559491<br/> Canvas Y: 2204687.9255644092<br/> Area: 0.376<br/> Downstream: Junction-2</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.36</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.23</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: Ex Area 2<br/> Canvas X: 6214027.330996655<br/> Canvas Y: 2206849.6854085526<br/> Area: 0.195<br/> Downstream: Junction-2</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.33</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.19</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: Ex Area 3<br/> Canvas X: 6216668.468265056<br/> Canvas Y: 2207925.9211044824<br/> Area: 0.251<br/> Downstream: Junction-2</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0</p> |
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|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                         |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------|
| Initial Loss: 0<br>Constant Loss Rate: 0.23                                                                                                                                       | Canopy: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Compute Local Flow At Junctions: No                                                                                     |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.23                                                                                                      | Surface: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Sediment Grade Scale: NONE<br>Enable Sediment Routing: No<br>Fall Velocity Method: UNSPECIFIED                          |
| Baseflow: None                                                                                                                                                                    | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.49                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | End:                                                                                                                    |
| Erosion: None                                                                                                                                                                     | Transform: User-Specified S-Graph                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Subbasin: Shed2<br>Canvas X: 6218154.253051927<br>Canvas Y: 2206728.7813775023<br>Area: 0.136<br>Downstream: Junction-1 |
| End:                                                                                                                                                                              | S-graph: S-Graph Foothills<br>Lag: 0.14                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | Canopy: None                                                                                                            |
| Junction: Junction-1<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812<br>Downstream: Natural3                                                                        | Baseflow: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Surface: None                                                                                                           |
| End:                                                                                                                                                                              | Erosion: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                  |
| Reach: Natural3<br>Canvas X: 6214507.317553068<br>Canvas Y: 2209062.9120413116<br>From Canvas X: 6216798.658066983<br>From Canvas Y: 2205938.963245812<br>Downstream: Junction-2  | End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.08                                            |
| Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 3967<br>Energy Slope: 0.01<br>Width: 80<br>Side Slope: 3<br>Mannings n: 0.03<br>Channel Loss: None                        | Source: Lake-Detention<br>Canvas X: 6216830.427178184<br>Canvas Y: 2205535.999787129<br>Area: 0.515<br>Downstream: Junction-1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Baseflow: None                                                                                                          |
| Route Sediment: No                                                                                                                                                                | Flow Gage: 5yr-6hr Detention                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Erosion: None                                                                                                           |
| End:                                                                                                                                                                              | End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | End:                                                                                                                    |
| Reach: Natural4<br>Canvas X: 6214212.2206687<br>Canvas Y: 2210356.130740453<br>From Canvas X: 6214507.317553068<br>From Canvas Y: 2209062.9120413116<br>Downstream: Ex-Temescal 1 | Basin Schematic Properties:<br>Last View N:<br>2211806.385404118<br>Last View S: 2200413.657911279<br>Last View W:<br>6206786.434266716<br>Last View E:<br>6220211.532744458<br>Maximum View N:<br>2211250.100713685<br>Maximum View S:<br>2194386.205608363<br>Maximum View W:<br>6194334.583866252<br>Maximum View E:<br>6220583.6570093<br>Extent Method: Elements Maps<br>Buffer: 0<br>Draw Icons: Yes<br>Draw Icon Labels: Yes<br>Draw Gridlines: Yes<br>Draw Flow Direction: Yes<br>Fix Element Locations: No<br>Map: hec.map.dxf.DxfMap<br>Map File Name:<br>R:\06\1000\REPORTS\HYDRO\Specific Plan\Exist PacificClay-Ridge.dxf<br>Map Shown: Yes | Subbasin: MSHCP2*<br>Canvas X: 6219871.13739246<br>Canvas Y: 2205452.9213186176<br>Area: 0.023<br>Downstream: Natural 2 |
| Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 1110<br>Energy Slope: 0.02<br>Width: 80<br>Side Slope: 3<br>Mannings n: 0.03<br>Channel Loss: None                        | End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Canopy: None                                                                                                            |
| Route Sediment: No                                                                                                                                                                | Basin: Ex-Temescal 1-5yr-24hr I                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface: None                                                                                                           |
| End:                                                                                                                                                                              | Last Modified Date: 23<br>September 2008<br>Last Modified Time: 15:59:53<br>Version: 3.2<br>Unit System: English<br>Missing Flow To Zero: No<br>Enable Flow Ratio: No<br>Allow Blending: No                                                                                                                                                                                                                                                                                                                                                                                                                                                              | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                  |
| Junction: Junction-2<br>Canvas X: 6214507.317553068<br>Canvas Y: 2209062.9120413116<br>Downstream: Natural4                                                                       | End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06                                            |
| End:                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Baseflow: None                                                                                                          |
| Sink: Ex-Temescal 1<br>Canvas X: 6214212.2206687<br>Canvas Y: 2210356.130740453                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Erosion: None                                                                                                           |
| End:                                                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | End:                                                                                                                    |
| Subbasin: Ex Area 4<br>Canvas X: 6215259.794454897<br>Canvas Y: 2209548.953968506<br>Area: 0.118<br>Downstream: Ex-Temescal 1                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Subbasin: MSHCP2<br>Canvas X: 6219341.698864624<br>Canvas Y: 2204784.613668726<br>Area: 0.034<br>Downstream: Natural 1  |
|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Canopy: None                                                                                                            |
|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Surface: None                                                                                                           |
|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                  |
|                                                                                                                                                                                   |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills                                                         |

|                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|
| Lag: 0.09                         | Area: 0.376                       | Junction: Junction-1              |
| Baseflow: None                    | Downstream: Junction-2            | Canvas X: 6216798.658066983       |
| Erosion: None                     | Canopy: None                      | Canvas Y: 2205938.963245812       |
| End:                              | Surface: None                     | Downstream: Natural3              |
| Subbasin: Shed1                   | LossRate: Initial+Constant        | End:                              |
| Canvas X: 6218501.425857066       | Percent Impervious Area: 0.0      | Reach: Natural3                   |
| Canvas Y: 2205444.241998489       | Initial Loss: 0                   | Canvas X: 6214507.317553068       |
| Area: 0.141                       | Constant Loss Rate: 0             | Canvas Y: 2209062.9120413116      |
| Downstream: Junction-1            | Transform: User-Specified S-Graph | From Canvas X: 6216798.658066983  |
| Canopy: None                      | S-graph: S-Graph Foothills        | From Canvas Y: 2205938.963245812  |
| Surface: None                     | Lag: 0.23                         | Downstream: Junction-2            |
| LossRate: Initial+Constant        | Baseflow: None                    | Route: Muskingum Cunge            |
| Percent Impervious Area: 0.0      | Erosion: None                     | Channel: Trapezoid                |
| Initial Loss: 0                   | End:                              | Length: 3967                      |
| Constant Loss Rate: 0             |                                   | Energy Slope: 0.01                |
|                                   |                                   | Width: 80                         |
|                                   |                                   | Side Slope: 3                     |
|                                   |                                   | Mannings n: 0.03                  |
|                                   |                                   | Channel Loss: None                |
| Transform: User-Specified S-Graph | Subbasin: Ex Area 2               | Route Sediment: No                |
| S-graph: S-Graph Foothills        | Canvas X: 6214027.330996655       | End:                              |
| Lag: 0.07                         | Canvas Y: 2206849.6854085526      |                                   |
| Baseflow: None                    | Area: 0.195                       | Reach: Natural4                   |
| Erosion: None                     | Downstream: Junction-2            | Canvas X: 6214212.2206687         |
| End:                              | Canopy: None                      | Canvas Y: 2210356.130740453       |
|                                   | Surface: None                     | From Canvas X: 6214507.317553068  |
|                                   |                                   | From Canvas Y: 2209062.9120413116 |
|                                   |                                   | Downstream: Ex-Temescal 1         |
| Reach: Natural 2                  | LossRate: Initial+Constant        | Route: Muskingum Cunge            |
| Canvas X: 6216798.658066983       | Percent Impervious Area: 0.0      | Channel: Trapezoid                |
| Canvas Y: 2205938.963245812       | Initial Loss: 0                   | Length: 1110                      |
| From Canvas X: 6219836.420111947  | Constant Loss Rate: 0             | Energy Slope: 0.02                |
| From Canvas Y: 2205426.883358232  | Transform: User-Specified S-Graph | Width: 80                         |
| Downstream: Junction-1            | S-graph: S-Graph Foothills        | Side Slope: 3                     |
| Route: Muskingum Cunge            | Lag: 0.19                         | Mannings n: 0.03                  |
| Channel: Trapezoid                | Baseflow: None                    | Channel Loss: None                |
| Length: 2760                      | Erosion: None                     | Route Sediment: No                |
| Energy Slope: 0.07                | End:                              | End:                              |
| Width: 30                         |                                   |                                   |
| Side Slope: 10                    | Subbasin: Ex Area 3               | Junction: Junction-2              |
| Mannings n: 0.03                  | Canvas X: 6216668.468265056       | Canvas X: 6214507.317553068       |
| Channel Loss: None                | Canvas Y: 2207925.9211044824      | Canvas Y: 2209062.9120413116      |
| Route Sediment: No                | Area: 0.251                       | Downstream: Natural4              |
| End:                              | Downstream: Junction-2            | End:                              |
| Reach: Natural 1                  | Canopy: None                      | Sink: Ex-Temescal 1               |
| Canvas X: 6216798.658066983       | Surface: None                     | Canvas X: 6214212.2206687         |
| Canvas Y: 2205938.963245812       | LossRate: Initial+Constant        | Canvas Y: 2210356.130740453       |
| From Canvas X: 6219341.698864624  | Percent Impervious Area: 0.0      | End:                              |
| From Canvas Y: 2204784.613668726  | Initial Loss: 0                   |                                   |
| Downstream: Junction-1            | Constant Loss Rate: 0             | Subbasin: Ex Area 4               |
| Route: Muskingum Cunge            | Transform: User-Specified S-Graph | Canvas X: 6215259.794454897       |
| Channel: Trapezoid                | S-graph: S-Graph Foothills        | Canvas Y: 2209548.953968506       |
| Length: 2230                      | Lag: 0.23                         | Area: 0.118                       |
| Energy Slope: 0.04                | Baseflow: None                    | Downstream: Ex-Temescal 1         |
| Width: 30                         | Erosion: None                     | Canopy: None                      |
| Side Slope: 10                    | End:                              | Surface: None                     |
| Mannings n: 0.03                  |                                   | LossRate: Initial+Constant        |
| Channel Loss: None                |                                   | Percent Impervious Area: 0.0      |
| Route Sediment: No                |                                   | Initial Loss: 0                   |
| End:                              |                                   | Constant Loss Rate: 0             |
| Subbasin: Ex Area 1               |                                   | Transform: User-Specified S-Graph |
| Canvas X: 6214941.283559491       |                                   | S-graph: S-Graph Foothills        |
| Canvas Y: 2204687.9255644092      |                                   |                                   |

Lag: 0.14

Baseflow: None

Erosion: None

End:

Source: Lake-Detention  
Canvas X: 6216764.043521307  
Canvas Y: 2205359.775669952  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 5yr-24hr Detention

End:

Basin Schematic Properties:  
Last View N: 2211250.100713685  
Last View S: 2197228.185301903  
Last View W: 6203380.931255785  
Last View E: 6220583.6570093  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: No  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes

End:

**Basin: Ex-Temescal 1-10yr-1hr II**

Last Modified Date: 23 September 2008  
Last Modified Time: 15:52:14  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: Shed2  
Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17

Transform: User-Specified S-Graph

S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2\*  
Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.24

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2  
Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726  
Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None

End:

Subbasin: Shed1  
Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None

End:

Reach: Natural 2  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219836.420111947  
From Canvas Y: 2205426.883358232  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2760  
Energy Slope: 0.07  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Natural 1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219341.698864624  
From Canvas Y: 2204784.613668726  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2230  
Energy Slope: 0.04  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Subbasin: Ex Area 1  
Canvas X: 6214941.283559491  
Canvas Y: 2204687.9255644092  
Area: 0.376  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.2

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None

End:

Subbasin: Ex Area 2

Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526  
Area: 0.195  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.18

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None

End:

Subbasin: Ex Area3

Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.11

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None

End:

Junction: Junction-1

Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3

End:

Reach: Natural3

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X: 6216798.658066983  
From Canvas Y: 2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Reach: Natural4

Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X:  
6214507.317553068  
From Canvas Y:  
2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No

End:

Junction: Junction-2

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4

End:

Sink: Ex-Temescal 1

Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453

End:

Subbasin: Ex Area 4

Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None

End:

Source: Lake-Detention

Canvas X: 6216805.164473986  
Canvas Y: 2205480.2729018126  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 10yr-1hr Detention

End:

Basin Schematic Properties:

Last View N:  
2211250.100713685  
Last View S: 2196913.723277573

Last View W: 6203458.447578941  
Last View E: 6220583.6570093  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

Basin: Ex-Temescal 1-10yr-3hr II

Last Modified Date: 23 September 2008  
Last Modified Time: 15:53:48  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Shed2

Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None

End:

Subbasin: MSHCP2\*

Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant

|                                                                                                                                                                                  |                                                                                                                                                                                  |                                                                                                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.24                                                                                                      | Width: 30<br>Side Slope: 10<br>Mannings n: 0.03<br>Channel Loss: None                                                                                                            | Lag: 0.19<br><br>Baseflow: None                                                                                                                                                   |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06                                                                                                     | Route Sediment: No<br>End:                                                                                                                                                       | Erosion: None<br>End:                                                                                                                                                             |
| Baseflow: None                                                                                                                                                                   | Reach: Natural 1<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812<br>From Canvas X: 6219341.698864624<br>From Canvas Y: 2204784.613668726<br>Downstream: Junction-1 | Subbasin: Ex Area3<br>Canvas X: 6216668.468265056<br>Canvas Y: 2207925.9211044824<br>Area: 0.251<br>Downstream: Junction-2                                                        |
| Erosion: None<br>End:                                                                                                                                                            | Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 2230<br>Energy Slope: 0.04<br>Width: 30<br>Side Slope: 10<br>Mannings n: 0.03<br>Channel Loss: None                      | Canopy: None<br><br>Surface: None                                                                                                                                                 |
| Subbasin: MSHCP2<br>Canvas X: 6219341.698864624<br>Canvas Y: 2204784.613668726<br>Area: 0.034<br>Downstream: Natural 1                                                           | Route Sediment: No<br>End:                                                                                                                                                       | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.11                                                                         |
| Canopy: None                                                                                                                                                                     | Subbasin: Ex Area 1<br>Canvas X: 6214941.283559491<br>Canvas Y: 2204687.9255644092<br>Area: 0.376<br>Downstream: Junction-2                                                      | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.23                                                                                                      |
| Surface: None                                                                                                                                                                    | Canopy: None                                                                                                                                                                     | Baseflow: None                                                                                                                                                                    |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20                                                                        | Surface: None                                                                                                                                                                    | Erosion: None<br>End:                                                                                                                                                             |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.09                                                                                                     | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.2                                                                         | Junction: Junction-1<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812<br>Downstream: Natural3<br>End:                                                                |
| Baseflow: None                                                                                                                                                                   | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.23                                                                                                     | Reach: Natural3<br>Canvas X: 6214507.317553068<br>Canvas Y: 2209062.9120413116<br>From Canvas X: 6216798.658066983<br>From Canvas Y: 2205938.963245812<br>Downstream: Junction-2  |
| Erosion: None<br>End:                                                                                                                                                            | Baseflow: None                                                                                                                                                                   | Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 3967<br>Energy Slope: 0.01<br>Width: 80<br>Side Slope: 3<br>Mannings n: 0.03<br>Channel Loss: None                        |
| Subbasin: Shed1<br>Canvas X: 6218501.425857066<br>Canvas Y: 2205444.241998489<br>Area: 0.141<br>Downstream: Junction-1                                                           | Erosion: None<br>End:                                                                                                                                                            | Route Sediment: No<br>End:                                                                                                                                                        |
| Canopy: None                                                                                                                                                                     | Subbasin: Ex Area 2<br>Canvas X: 6214027.330996655<br>Canvas Y: 2206849.6854085526<br>Area: 0.195<br>Downstream: Junction-2                                                      | Reach: Natural4<br>Canvas X: 6214212.2206687<br>Canvas Y: 2210356.130740453<br>From Canvas X: 6214507.317553068<br>From Canvas Y: 2209062.9120413116<br>Downstream: Ex-Temescal 1 |
| Surface: None                                                                                                                                                                    | Canopy: None                                                                                                                                                                     | Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 1110<br>Energy Slope: 0.02<br>Width: 80<br>Side Slope: 3<br>Mannings n: 0.03<br>Channel Loss: None                        |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20                                                                        | Surface: None                                                                                                                                                                    |                                                                                                                                                                                   |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07                                                                                                     | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.18                                                                        |                                                                                                                                                                                   |
| Baseflow: None                                                                                                                                                                   | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills                                                                                                                  |                                                                                                                                                                                   |
| Erosion: None<br>End:                                                                                                                                                            |                                                                                                                                                                                  |                                                                                                                                                                                   |
| Reach: Natural 2<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812<br>From Canvas X: 6219836.420111947<br>From Canvas Y: 2205426.883358232<br>Downstream: Junction-1 |                                                                                                                                                                                  |                                                                                                                                                                                   |
| Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 2760<br>Energy Slope: 0.07                                                                                               |                                                                                                                                                                                  |                                                                                                                                                                                   |

Route Sediment: No  
End:  
  
Junction: Junction-2  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4  
End:

Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
End:

Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None

End:  
  
Source: Lake-Detention  
Canvas X: 6216805.164473986  
Canvas Y: 2205480.2729018126  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 10yr-3hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2211250.100713685  
Last View S: 2196913.723277573  
Last View W: 6203458.447578941  
Last View E: 6220583.6570093  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

## Basin: Ex-Temescal 1-10yr-6hr II

Last Modified Date: 23  
September 2008  
Last Modified Time: 15:55:33  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: Shed2  
Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None

End:  
  
Subbasin: MSHCP2\*  
Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.24

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None

End:  
  
Subbasin: MSHCP2

Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726  
Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None

End:  
  
Subbasin: Shed1  
Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None

End:  
  
Reach: Natural 2  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219836.420111947  
From Canvas Y: 2205426.883358232  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2760  
Energy Slope: 0.07  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural 1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
From Canvas X: 6219341.698864624  
From Canvas Y: 2204784.613668726  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2230  
Energy Slope: 0.04  
Width: 30  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: Ex Area 1  
Canvas X: 6214941.283559491  
Canvas Y: 2204687.9255644092  
Area: 0.376  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.2

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area 2  
Canvas X: 6214027.330996655  
Canvas Y: 2206849.6854085526  
Area: 0.195  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.18

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.19

Baseflow: None

Erosion: None  
End:

Subbasin: Ex Area3  
Canvas X: 6216668.468265056  
Canvas Y: 2207925.9211044824  
Area: 0.251  
Downstream: Junction-2

Canopy: None

Surface: None

LossRate: Initial+Constant

Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.11

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.23

Baseflow: None

Erosion: None  
End:

Junction: Junction-1  
Canvas X: 6216798.658066983  
Canvas Y: 2205938.963245812  
Downstream: Natural3  
End:

Reach: Natural3  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X:  
6216798.658066983  
From Canvas Y:  
2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural4  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X:  
6214507.317553068  
From Canvas Y:  
2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-2  
Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4  
End:

Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
End:

Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None  
End:

Source: Lake-Detention  
Canvas X: 6216805.164473986  
Canvas Y: 2205480.2729018126  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 10yr-6hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2207464.0068146605  
Last View S: 2204357.092183791  
Last View W: 6214892.486283595  
Last View E: 6219102.791157203  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

# Basin: Ex-Temescal 1-10yr-24hr II

Last Modified Date: 23 September 2008  
Last Modified Time: 15:52:58  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED



|                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                           |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End:                                                                                                                                                                                                                                                                                                                                                                                                                  | End:                                                                                                                                                                                                                                                                                                                                                                                                                 | Area: 0.376<br>Downstream: Junction-2                                                                                                                                                                                                                                                                                                                                                                                     |
| Subbasin: Shed2<br>Canvas X: 6218154.253051927<br>Canvas Y: 2206728.7813775023<br>Area: 0.136<br>Downstream: Junction-1<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.08<br><br>Baseflow: None<br><br>Erosion: None<br>End: | Subbasin: Shed1<br>Canvas X: 6218501.425857066<br>Canvas Y: 2205444.241998489<br>Area: 0.141<br>Downstream: Junction-1<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: | Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.23<br><br>Baseflow: None<br><br>Erosion: None<br>End:                                                                                                                                    |
| Subbasin: MSHCP2*<br>Canvas X: 6219871.13739246<br>Canvas Y: 2205452.9213186176<br>Area: 0.023<br>Downstream: Natural 2<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None<br><br>Erosion: None<br>End: | Reach: Natural 2<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812<br>From Canvas X:<br>6219836.420111947<br>From Canvas Y:<br>2205426.883358232<br>Downstream: Junction-1<br><br>Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 2760<br>Energy Slope: 0.07<br>Width: 30<br>Side Slope: 10<br>Mannings n: 0.03<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                          | Subbasin: Ex Area 2<br>Canvas X: 6214027.330996655<br>Canvas Y: 2206849.6854085526<br>Area: 0.195<br>Downstream: Junction-2<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.19<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Subbasin: MSHCP2<br>Canvas X: 6219341.698864624<br>Canvas Y: 2204784.613668726<br>Area: 0.034<br>Downstream: Natural 1<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.09<br><br>Baseflow: None<br><br>Erosion: None          | Reach: Natural 1<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812<br>From Canvas X:<br>6219341.698864624<br>From Canvas Y:<br>2204784.613668726<br>Downstream: Junction-1<br><br>Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 2230<br>Energy Slope: 0.04<br>Width: 30<br>Side Slope: 10<br>Mannings n: 0.03<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                          | Subbasin: Ex Area 3<br>Canvas X: 6216668.468265056<br>Canvas Y: 2207925.9211044824<br>Area: 0.251<br>Downstream: Junction-2<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.23<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
|                                                                                                                                                                                                                                                                                                                                                                                                                       | Subbasin: Ex Area 1<br>Canvas X: 6214941.283559491<br>Canvas Y: 2204687.9255644092                                                                                                                                                                                                                                                                                                                                   | Junction: Junction-1<br>Canvas X: 6216798.658066983<br>Canvas Y: 2205938.963245812                                                                                                                                                                                                                                                                                                                                        |

Downstream: Natural3  
End:

Reach: Natural3

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
From Canvas X: 6216798.658066983  
From Canvas Y: 2205938.963245812  
Downstream: Junction-2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3967  
Energy Slope: 0.01  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Natural4

Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
From Canvas X: 6214507.317553068  
From Canvas Y: 2209062.9120413116  
Downstream: Ex-Temescal 1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1110  
Energy Slope: 0.02  
Width: 80  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-2

Canvas X: 6214507.317553068  
Canvas Y: 2209062.9120413116  
Downstream: Natural4

End:

Sink: Ex-Temescal 1

Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453

End:

Subbasin: Ex Area 4

Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14

Baseflow: None

Erosion: None

End:

Source: Lake-Detention

Canvas X: 6216784.667159759  
Canvas Y: 2205538.179779781  
Area: 0.515  
Downstream: Junction-1

Flow Gage: 10yr-24hr Detention  
End:

Basin Schematic Properties:

Last View N:  
2211250.100713685  
Last View S:  
2197929.3293030486  
Last View W:  
6206429.233601507  
Last View E: 6220583.6570093  
Maximum View N:  
2211250.100713685  
Maximum View S:  
2194386.205608363  
Maximum View W:  
6194334.583866252  
Maximum View E:  
6220583.6570093

Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:

R:\06\1000\REPORTS\HYDRO\Spec  
ific Plan\Exist PacificClay-  
Ridge.dxf

Map Shown: Yes  
End:

**Basin: Ex-Temescal 1-10yr-24hr II**

Last Modified Date: 23  
September 2008  
Last Modified Time: 15:52:58  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: Shed2

Canvas X: 6218154.253051927  
Canvas Y: 2206728.7813775023  
Area: 0.136  
Downstream: Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.08

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2\*

Canvas X: 6219871.13739246  
Canvas Y: 2205452.9213186176  
Area: 0.023  
Downstream: Natural 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None  
End:

Subbasin: MSHCP2

Canvas X: 6219341.698864624  
Canvas Y: 2204784.613668726  
Area: 0.034  
Downstream: Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Shed1

Canvas X: 6218501.425857066  
Canvas Y: 2205444.241998489  
Area: 0.141  
Downstream: Junction-1

Canopy: None

|                                   |                              |                                   |
|-----------------------------------|------------------------------|-----------------------------------|
| Surface: None                     | Baseflow: None               | Channel: Trapezoid                |
| LossRate: Initial+Constant        | Erosion: None                | Length: 3967                      |
| Percent Impervious Area: 0.0      | End:                         | Energy Slope: 0.01                |
| Initial Loss: 0                   | Subbasin: Ex Area 2          | Width: 80                         |
| Constant Loss Rate: 0             | Canvas X: 6214027.330996655  | Side Slope: 3                     |
| Transform: User-Specified S-Graph | Canvas Y: 2206849.6854085526 | Mannings n: 0.03                  |
| S-graph: S-Graph Foothills        | Area: 0.195                  | Channel Loss: None                |
| Lag: 0.07                         | Downstream: Junction-2       | Route Sediment: No                |
| Baseflow: None                    | Canopy: None                 | End:                              |
| Erosion: None                     | Surface: None                | Reach: Natural4                   |
| End:                              | LossRate: Initial+Constant   | Canvas X: 6214212.2206687         |
| Reach: Natural 2                  | Percent Impervious Area: 0.0 | Canvas Y: 2210356.130740453       |
| Canvas X: 6216798.658066983       | Initial Loss: 0              | From Canvas X: 6214507.317553068  |
| Canvas Y: 2205938.963245812       | Constant Loss Rate: 0        | From Canvas Y: 2209062.9120413116 |
| From Canvas X: 6219836.420111947  | Transform: User-Specified S- | Downstream: Ex-Temescal 1         |
| From Canvas Y: 2205426.883358232  | Graph                        | Route: Muskingum Cunge            |
| Downstream: Junction-1            | S-graph: S-Graph Foothills   | Channel: Trapezoid                |
| Route: Muskingum Cunge            | Lag: 0.19                    | Length: 1110                      |
| Channel: Trapezoid                | Baseflow: None               | Energy Slope: 0.02                |
| Length: 2760                      | Erosion: None                | Width: 80                         |
| Energy Slope: 0.07                | End:                         | Side Slope: 3                     |
| Width: 30                         | Subbasin: Ex Area 3          | Mannings n: 0.03                  |
| Side Slope: 10                    | Canvas X: 6216668.468265056  | Channel Loss: None                |
| Mannings n: 0.03                  | Canvas Y: 2207925.9211044824 | Route Sediment: No                |
| Channel Loss: None                | Area: 0.251                  | End:                              |
| Route Sediment: No                | Downstream: Junction-2       | Junction: Junction-2              |
| End:                              | Canopy: None                 | Canvas X: 6214507.317553068       |
| Reach: Natural 1                  | Surface: None                | Canvas Y: 2209062.9120413116      |
| Canvas X: 6216798.658066983       | LossRate: Initial+Constant   | Downstream: Natural4              |
| Canvas Y: 2205938.963245812       | Percent Impervious Area: 0.0 | End:                              |
| From Canvas X: 6219341.698864624  | Initial Loss: 0              | Sink: Ex-Temescal 1               |
| From Canvas Y: 2204784.613668726  | Constant Loss Rate: 0        | Canvas X: 6214212.2206687         |
| Downstream: Junction-1            | Transform: User-Specified S- | Canvas Y: 2210356.130740453       |
| Route: Muskingum Cunge            | Graph                        | End:                              |
| Channel: Trapezoid                | S-graph: S-Graph Foothills   | Subbasin: Ex Area 4               |
| Length: 2230                      | Lag: 0.23                    | Canvas X: 6215259.794454897       |
| Energy Slope: 0.04                | Baseflow: None               | Canvas Y: 2209548.953968506       |
| Width: 30                         | Erosion: None                | Area: 0.118                       |
| Side Slope: 10                    | End:                         | Downstream: Ex-Temescal 1         |
| Mannings n: 0.03                  | Junction: Junction-1         | Canopy: None                      |
| Channel Loss: None                | Canvas X: 6216798.658066983  | Surface: None                     |
| Route Sediment: No                | Canvas Y: 2205938.963245812  | LossRate: Initial+Constant        |
| End:                              | Downstream: Natural3         | Percent Impervious Area: 0.0      |
| Subbasin: Ex Area 1               | End:                         | Initial Loss: 0                   |
| Canvas X: 6214941.283559491       | Reach: Natural3              | Constant Loss Rate: 0             |
| Canvas Y: 2204687.9255644092      | Canvas X: 6214507.317553068  | Transform: User-Specified S-Graph |
| Area: 0.376                       | Canvas Y: 2209062.9120413116 | S-graph: S-Graph Foothills        |
| Downstream: Junction-2            | From Canvas X:               | Lag: 0.14                         |
| Canopy: None                      | 6216798.658066983            | Baseflow: None                    |
| Surface: None                     | From Canvas Y:               | Erosion: None                     |
| LossRate: Initial+Constant        | 2205938.963245812            | End:                              |
| Percent Impervious Area: 0.0      | Downstream: Junction-2       | Source: Lake-Detention            |
| Initial Loss: 0                   | Route: Muskingum Cunge       | Canvas X: 6216784.667159759       |
| Constant Loss Rate: 0             |                              | Canvas Y: 2205538.179779781       |
| Transform: User-Specified S-Graph |                              | Area: 0.515                       |
| S-graph: S-Graph Foothills        |                              | Downstream: Junction-1            |
| Lag: 0.23                         |                              | Flow Gage: 10yr-24hr Detention    |

|                                       |                              |                                   |
|---------------------------------------|------------------------------|-----------------------------------|
| End:                                  | Canopy: None                 | From Canvas X: 6219836.420111947  |
| Basin Schematic Properties:           | Surface: None                | From Canvas Y: 2205426.883358232  |
| Last View N: 2211250.100713685        | LossRate: Initial+Constant   | Downstream: Junction-1            |
| Last View S: 2197929.3293030486       | Percent Impervious Area: 0.0 | Route: Muskingum Cunge            |
| Last View W: 6206429.233601507        | Initial Loss: 0              | Channel: Trapezoid                |
| Last View E: 6220583.6570093          | Constant Loss Rate: 0.24     | Length: 2760                      |
| Maximum View N: 2211250.100713685     | Transform: User-Specified S- | Energy Slope: 0.07                |
| Maximum View S: 2194386.205608363     | Graph                        | Width: 30                         |
| Maximum View W: 6194334.583866252     | S-graph: S-Graph Foothills   | Side Slope: 10                    |
| Maximum View E: 6220583.6570093       | Lag: 0.06                    | Mannings n: 0.03                  |
| Extent Method: Elements Maps          | Baseflow: None               | Channel Loss: None                |
| Buffer: 0                             | Erosion: None                | Route Sediment: No                |
| Draw Icons: Yes                       | End:                         | End:                              |
| Draw Icon Labels: Yes                 | Subbasin: MSHCP2             | Reach: Natural 1                  |
| Draw Gridlines: Yes                   | Canvas X: 6219341.698864624  | Canvas X: 6216798.658066983       |
| Draw Flow Direction: Yes              | Canvas Y: 2204784.613668726  | Canvas Y: 2205938.963245812       |
| Fix Element Locations: No             | Area: 0.034                  | From Canvas X: 6219341.698864624  |
| Map: hec.map.dxf.DxfMap               | Downstream: Natural 1        | From Canvas Y: 2204784.613668726  |
| Map File Name:                        | Canopy: None                 | Downstream: Junction-1            |
| R:\06\1000\REPORTS\HYDRO\Specific     | Surface: None                | Route: Muskingum Cunge            |
| Plan\Exist PacificClay-Ridge.dxf      | LossRate: Initial+Constant   | Channel: Trapezoid                |
| Map Shown: Yes                        | Percent Impervious Area: 0.0 | Length: 2230                      |
| End:                                  | Initial Loss: 0              | Energy Slope: 0.04                |
| Basin: Ex-Temescal 1-100yr-3hr II     | Constant Loss Rate: 0.20     | Width: 30                         |
| Last Modified Date: 23 September 2008 | Transform: User-Specified S- | Side Slope: 10                    |
| Last Modified Time: 15:50:14          | Graph                        | Mannings n: 0.03                  |
| Version: 3.2                          | S-graph: S-Graph Foothills   | Channel Loss: None                |
| Unit System: English                  | Lag: 0.09                    | Route Sediment: No                |
| Missing Flow To Zero: No              | Baseflow: None               | End:                              |
| Enable Flow Ratio: No                 | Erosion: None                | Subbasin: Ex Area 1               |
| Allow Blending: No                    | End:                         | Canvas X: 6214941.283559491       |
| Compute Local Flow At Junctions: No   | Subbasin: Shed2              | Canvas Y: 2204687.9255644092      |
| Sediment Grade Scale: NONE            | Canvas X: 6218154.253051927  | Area: 0.376                       |
| Enable Sediment Routing: No           | Canvas Y: 2206728.7813775023 | Downstream: Junction-2            |
| Fall Velocity Method: UNSPECIFIED     | Area: 0.136                  | Canopy: None                      |
| End:                                  | Downstream: Junction-1       | Surface: None                     |
| Subbasin: Shed2                       | Canopy: None                 | LossRate: Initial+Constant        |
| Canvas X: 6218154.253051927           | Surface: None                | Percent Impervious Area: 0.0      |
| Canvas Y: 2206728.7813775023          | LossRate: Initial+Constant   | Initial Loss: 0                   |
| Area: 0.136                           | Percent Impervious Area: 0.0 | Constant Loss Rate: 0.2           |
| Downstream: Junction-1                | Initial Loss: 0              | Transform: User-Specified S-Graph |
| Canopy: None                          | Constant Loss Rate: 0.20     | S-graph: S-Graph Foothills        |
| Surface: None                         | Transform: User-Specified S- | Lag: 0.23                         |
| LossRate: Initial+Constant            | Graph                        | Baseflow: None                    |
| Percent Impervious Area: 0.0          | S-graph: S-Graph Foothills   | Erosion: None                     |
| Initial Loss: 0                       | Lag: 0.07                    | End:                              |
| Constant Loss Rate: 0.17              | Baseflow: None               | Subbasin: Ex Area 2               |
| Transform: User-Specified S-Graph     | Erosion: None                | Canvas X: 6214027.330996655       |
| S-graph: S-Graph Foothills            | End:                         | Canvas Y: 2206849.6854085526      |
| Lag: 0.08                             | Reach: Natural 2             | Area: 0.195                       |
| Baseflow: None                        | Canvas X: 6216798.658066983  | Downstream: Junction-2            |
| Erosion: None                         | Canvas Y: 2205938.963245812  | Canopy: None                      |
| End:                                  | LossRate: Initial+Constant   | Surface: None                     |
| Subbasin: MSHCP2*                     | Percent Impervious Area: 0.0 | LossRate: Initial+Constant        |
| Canvas X: 6219871.13739246            | Initial Loss: 0              | Percent Impervious Area: 0.0      |
| Canvas Y: 2205452.9213186176          | Constant Loss Rate: 0.2      | Initial Loss: 0                   |
| Area: 0.023                           | Transform: User-Specified S- |                                   |
| Downstream: Natural 2                 | Graph                        |                                   |
|                                       | S-graph: S-Graph Foothills   |                                   |
|                                       | Lag: 0.07                    |                                   |
|                                       | Baseflow: None               |                                   |
|                                       | Erosion: None                |                                   |
|                                       | End:                         |                                   |

|                                   |                                |                                          |
|-----------------------------------|--------------------------------|------------------------------------------|
| Constant Loss Rate: 0.18          | Side Slope: 3                  | Draw Icon Labels: Yes                    |
| Transform: User-Specified S-Graph | Mannings n: 0.03               | Draw Gridlines: Yes                      |
| S-graph: S-Graph Foothills        | Channel Loss: None             | Draw Flow Direction: Yes                 |
| Lag: 0.19                         |                                | Fix Element Locations: No                |
|                                   | Route Sediment: No             | Map: hec.map.dxf.DxfMap                  |
| Baseflow: None                    | End:                           | Map File Name:                           |
|                                   |                                | R:\06\1000\REPORTS\HYDRO\Specific        |
| Erosion: None                     | Junction: Junction-2           | Plan\Exist PacificClay-Ridge.dxf         |
| End:                              | Canvas X: 6214507.317553068    | Map Shown: Yes                           |
|                                   | Canvas Y: 2209062.9120413116   | End:                                     |
| Subbasin: Ex Area3                | Downstream: Natural4           |                                          |
| Canvas X: 6216668.468265056       | End:                           |                                          |
| Canvas Y: 2207925.9211044824      |                                |                                          |
| Area: 0.251                       | Sink: Ex-Temescal 1            | <b>Basin: Ex-Temescal 1-100yr-3hr II</b> |
| Downstream: Junction-2            | Canvas X: 6214212.2206687      |                                          |
|                                   | Canvas Y: 2210356.130740453    |                                          |
| Canopy: None                      | End:                           |                                          |
|                                   |                                | Last Modified Date: 23 September 2008    |
| Surface: None                     | Subbasin: Ex Area 4            | Last Modified Time: 15:50:14             |
|                                   | Canvas X: 6215259.794454897    | Version: 3.2                             |
| LossRate: Initial+Constant        | Canvas Y: 2209548.953968506    | Unit System: English                     |
| Percent Impervious Area: 0.0      | Area: 0.118                    | Missing Flow To Zero: No                 |
| Initial Loss: 0                   | Downstream: Ex-Temescal 1      | Enable Flow Ratio: No                    |
| Constant Loss Rate: 0.11          | Canopy: None                   | Allow Blending: No                       |
|                                   |                                | Compute Local Flow At Junctions: No      |
| Transform: User-Specified S-Graph | Surface: None                  |                                          |
| S-graph: S-Graph Foothills        |                                | Sediment Grade Scale: NONE               |
| Lag: 0.23                         | LossRate: Initial+Constant     | Enable Sediment Routing: No              |
|                                   | Percent Impervious Area: 0.0   | Fall Velocity Method: UNSPECIFIED        |
| Baseflow: None                    | Initial Loss: 0                | End:                                     |
|                                   | Constant Loss Rate: 0.31       |                                          |
| Erosion: None                     | Transform: User-Specified S-   | Subbasin: Shed2                          |
| End:                              | Graph                          | Canvas X: 6218154.253051927              |
|                                   | S-graph: S-Graph Foothills     | Canvas Y: 2206728.7813775023             |
| Junction: Junction-1              | Lag: 0.14                      | Area: 0.136                              |
| Canvas X: 6216798.658066983       |                                | Downstream: Junction-1                   |
| Canvas Y: 2205938.963245812       | Baseflow: None                 |                                          |
| Downstream: Natural3              |                                | Canopy: None                             |
| End:                              | Erosion: None                  | Surface: None                            |
|                                   | End:                           |                                          |
| Reach: Natural3                   | Source: Lake-Detention         | LossRate: Initial+Constant               |
| Canvas X: 6214507.317553068       | Canvas X: 6216805.164473986    | Percent Impervious Area: 0.0             |
| Canvas Y: 2209062.9120413116      | Canvas Y: 2205480.2729018126   | Initial Loss: 0                          |
| From Canvas X: 6216798.658066983  | Area: 0.515                    | Constant Loss Rate: 0.17                 |
| From Canvas Y: 2205938.963245812  | Downstream: Junction-1         |                                          |
| Downstream: Junction-2            |                                | Transform: User-Specified S-Graph        |
|                                   | Flow Gage: 100yr-3hr Detention | S-graph: S-Graph Foothills               |
| Route: Muskingum Cunge            | End:                           | Lag: 0.08                                |
| Channel: Trapezoid                |                                | Baseflow: None                           |
| Length: 3967                      | Basin Schematic Properties:    | Erosion: None                            |
| Energy Slope: 0.01                | Last View N:                   | End:                                     |
| Width: 80                         | 2210965.174158136              |                                          |
| Side Slope: 3                     | Last View S:                   | Subbasin: MSHCP2*                        |
| Mannings n: 0.03                  | 2201379.4307535905             | Canvas X: 6219871.13739246               |
| Channel Loss: None                | Last View W:                   | Canvas Y: 2205452.9213186176             |
|                                   | 6211608.470509502              | Area: 0.023                              |
| Route Sediment: No                | Last View E:                   | Downstream: Natural 2                    |
| End:                              | 6220644.712699775              |                                          |
|                                   | Maximum View N:                | Canopy: None                             |
| Reach: Natural4                   | 2211250.100713685              | Surface: None                            |
| Canvas X: 6214212.2206687         | Maximum View S:                |                                          |
| Canvas Y: 2210356.130740453       | 2194386.205608363              | LossRate: Initial+Constant               |
| From Canvas X: 6214507.317553068  | Maximum View W:                | Percent Impervious Area: 0.0             |
| From Canvas Y: 2209062.9120413116 | 6194334.583866252              | Initial Loss: 0                          |
| Downstream: Ex-Temescal 1         | Maximum View E:                | Constant Loss Rate: 0.24                 |
|                                   | 6220583.6570093                |                                          |
| Route: Muskingum Cunge            | Extent Method: Elements Maps   | Transform: User-Specified S-Graph        |
| Channel: Trapezoid                | Buffer: 0                      | S-graph: S-Graph Foothills               |
| Length: 1110                      | Draw Icons: Yes                |                                          |
| Energy Slope: 0.02                |                                |                                          |
| Width: 80                         |                                |                                          |

|                                   |                              |                                   |
|-----------------------------------|------------------------------|-----------------------------------|
| Lag: 0.06                         | End:                         | Subbasin: Ex Area3                |
| Baseflow: None                    | Reach: Natural 1             | Canvas X: 6216668.468265056       |
| Erosion: None                     | Canvas X: 6216798.658066983  | Canvas Y: 2207925.9211044824      |
| End:                              | Canvas Y: 2205938.963245812  | Area: 0.251                       |
| Subbasin: MSHCP2                  | From Canvas X:               | Downstream: Junction-2            |
| Canvas X: 6219341.698864624       | 6219341.698864624            | Canopy: None                      |
| Canvas Y: 2204784.613668726       | From Canvas Y:               | Surface: None                     |
| Area: 0.034                       | 2204784.613668726            | LossRate: Initial+Constant        |
| Downstream: Natural 1             | Downstream: Junction-1       | Percent Impervious Area: 0.0      |
| Canopy: None                      | Route: Muskingum Cunge       | Initial Loss: 0                   |
| Surface: None                     | Channel: Trapezoid           | Constant Loss Rate: 0.11          |
| LossRate: Initial+Constant        | Length: 2230                 | Transform: User-Specified S-Graph |
| Percent Impervious Area: 0.0      | Energy Slope: 0.04           | S-graph: S-Graph Foothills        |
| Initial Loss: 0                   | Width: 30                    | Lag: 0.23                         |
| Constant Loss Rate: 0.20          | Side Slope: 10               | Baseflow: None                    |
| Transform: User-Specified S-Graph | Mannings n: 0.03             | Erosion: None                     |
| S-graph: S-Graph Foothills        | Channel Loss: None           | End:                              |
| Lag: 0.09                         | Route Sediment: No           | Junction: Junction-1              |
| Baseflow: None                    | End:                         | Canvas X: 6216798.658066983       |
| Erosion: None                     | Subbasin: Ex Area 1          | Canvas Y: 2205938.963245812       |
| End:                              | Canvas X: 6214941.283559491  | Downstream: Natural3              |
| Subbasin: Shed1                   | Canvas Y: 2204687.9255644092 | End:                              |
| Canvas X: 6218501.425857066       | Area: 0.376                  | Reach: Natural3                   |
| Canvas Y: 2205444.241998489       | Downstream: Junction-2       | Canvas X: 6214507.317553068       |
| Area: 0.141                       | Canopy: None                 | Canvas Y: 2209062.9120413116      |
| Downstream: Junction-1            | Surface: None                | From Canvas X: 6216798.658066983  |
| Canopy: None                      | LossRate: Initial+Constant   | From Canvas Y: 2205938.963245812  |
| Surface: None                     | Percent Impervious Area: 0.0 | Downstream: Junction-2            |
| LossRate: Initial+Constant        | Initial Loss: 0              | Route: Muskingum Cunge            |
| Percent Impervious Area: 0.0      | Constant Loss Rate: 0.2      | Channel: Trapezoid                |
| Initial Loss: 0                   | Transform: User-Specified S- | Length: 3967                      |
| Constant Loss Rate: 0.20          | Graph                        | Energy Slope: 0.01                |
| Transform: User-Specified S-Graph | S-graph: S-Graph Foothills   | Width: 80                         |
| S-graph: S-Graph Foothills        | Lag: 0.23                    | Side Slope: 3                     |
| Lag: 0.07                         | Baseflow: None               | Mannings n: 0.03                  |
| Baseflow: None                    | Erosion: None                | Channel Loss: None                |
| Erosion: None                     | End:                         | Route Sediment: No                |
| End:                              | Subbasin: Ex Area 2          | End:                              |
| Reach: Natural 2                  | Canvas X: 6214027.330996655  | Reach: Natural4                   |
| Canvas X: 6216798.658066983       | Canvas Y: 2206849.6854085526 | Canvas X: 6214212.2206687         |
| Canvas Y: 2205938.963245812       | Area: 0.195                  | Canvas Y: 2210356.130740453       |
| From Canvas X: 6219836.420111947  | Downstream: Junction-2       | From Canvas X: 6214507.317553068  |
| From Canvas Y: 2205426.883358232  | Canopy: None                 | From Canvas Y: 2209062.9120413116 |
| Downstream: Junction-1            | Surface: None                | Downstream: Ex-Temescal 1         |
| Route: Muskingum Cunge            | LossRate: Initial+Constant   | Route: Muskingum Cunge            |
| Channel: Trapezoid                | Percent Impervious Area: 0.0 | Channel: Trapezoid                |
| Length: 2760                      | Initial Loss: 0              | Length: 1110                      |
| Energy Slope: 0.07                | Constant Loss Rate: 0.18     | Energy Slope: 0.02                |
| Width: 30                         | Transform: User-Specified S- | Width: 80                         |
| Side Slope: 10                    | Graph                        | Side Slope: 3                     |
| Mannings n: 0.03                  | S-graph: S-Graph Foothills   | Mannings n: 0.03                  |
| Channel Loss: None                | Lag: 0.19                    | Channel Loss: None                |
| Route Sediment: No                | Baseflow: None               | Route Sediment: No                |
|                                   | Erosion: None                | End:                              |
|                                   | End:                         | Junction: Junction-2              |
|                                   |                              | Canvas X: 6214507.317553068       |
|                                   |                              | Canvas Y: 2209062.9120413116      |

Downstream: Natural4  
End:  
Sink: Ex-Temescal 1  
Canvas X: 6214212.2206687  
Canvas Y: 2210356.130740453  
End:  
Subbasin: Ex Area 4  
Canvas X: 6215259.794454897  
Canvas Y: 2209548.953968506  
Area: 0.118  
Downstream: Ex-Temescal 1  
Canopy: None  
Surface: None  
LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31  
Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.14  
Baseflow: None  
Erosion: None  
End:

Source: Lake-Detention  
Canvas X: 6216805.164473986  
Canvas Y: 2205480.2729018126  
Area: 0.515  
Downstream: Junction-1  
Flow Gage: 100yr-3hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2210965.174158136  
Last View S: 2201379.4307535905  
Last View W: 6211608.470509502  
Last View E: 6220644.712699775  
Maximum View N: 2211250.100713685  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Ex-Temescal 2 AMC I

Last Modified Date: 23 September 2008  
Last Modified Time: 16:02:13  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No

Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:  
Subbasin: PACArea1  
Canvas X: 6205101.731941875  
Canvas Y: 2199888.869899659  
Area: 3.049  
Downstream: Pac-Junction-1  
Canopy: None  
Surface: None  
LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.43  
Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.65  
Baseflow: None  
Erosion: None  
End:

Sink: Ex-Temescal 2  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
End:

Subbasin: PACArea2  
Canvas X: 6210284.763687812  
Canvas Y: 2205873.6966118175  
Area: 1.302  
Downstream: Ex-Temescal 2  
Canopy: None  
Surface: None  
LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.36  
Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.35  
Baseflow: None  
Erosion: None  
End:

Reach: Pac Natural 1  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
From Canvas X:  
6213009.924647855

From Canvas Y: 2207477.508076608  
Downstream: Ex-Temescal 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3660  
Energy Slope: 0.03  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Pac-Junction-1  
Canvas X: 6213009.924647855  
Canvas Y: 2207477.508076608  
Downstream: Pac Natural 1  
End:

Basin Schematic Properties:  
Last View N: 2212817.0073475414  
Last View S: 2196038.6465634555  
Last View W: 6198266.872735511  
Last View E: 6220569.81572899  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Ex-Temescal 2 AMC I 24-hour

Last Modified Date: 23 September 2008  
Last Modified Time: 16:03:12  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: PACArea1  
Canvas X: 6205101.731941875  
Canvas Y: 2199888.869899659  
Area: 3.049  
Downstream: Pac-Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant

Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.65

Baseflow: None

Erosion: None  
End:

Sink: Ex-Temescal 2  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
End:

Subbasin: PACArea2  
Canvas X: 6210284.763687812  
Canvas Y: 2205873.6966118175  
Area: 1.302  
Downstream: Ex-Temescal 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.35

Baseflow: None

Erosion: None  
End:

Reach: Pac Natural 1  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
From Canvas X: 6213009.924647855  
From Canvas Y: 2207477.508076608  
Downstream: Ex-Temescal 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3660  
Energy Slope: 0.03  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Pac-Junction-1  
Canvas X: 6213009.924647855  
Canvas Y: 2207477.508076608  
Downstream: Pac Natural 1  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2194578.195608364  
Last View W: 6195311.02845498  
Last View E: 6221125.1970093

Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093  
Extent Method: Elements  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Spe  
cific Plan\Exist PacificClay-  
Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Ex-Temescal 2 AMC II

Description: Pac Area 1-2 -  
Existing Condition 100 year 1 hr  
Last Modified Date: 23  
September 2008  
Last Modified Time: 16:03:22  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: PACArea1  
Canvas X: 6205101.731941875  
Canvas Y: 2199888.869899659  
Area: 3.049  
Downstream: Pac-Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.24

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.65

Baseflow: None

Erosion: None  
End:

Sink: Ex-Temescal 2  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
End:

Subbasin: PACArea2  
Canvas X: 6210284.763687812  
Canvas Y: 2205873.6966118175  
Area: 1.302  
Downstream: Ex-Temescal 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.35

Baseflow: None

Erosion: None  
End:

Reach: Pac Natural 1  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
From Canvas X: 6212840.079598241  
From Canvas Y: 2207459.436982999  
Downstream: Ex-Temescal 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3660  
Energy Slope: 0.03  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Pac-Junction-1  
Canvas X: 6212840.079598241  
Canvas Y: 2207459.436982999  
Downstream: Pac Natural 1  
End:

Basin Schematic Properties:  
Last View N: 2211889.750042342  
Last View S: 2197287.7298375084  
Last View W: 6200369.839037174  
Last View E: 6219732.315153381  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap



Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Exist PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Ex-Temescal 2 AMC II 24-hr**

Last Modified Date: 23 September 2008  
Last Modified Time: 16:14:30  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: PACArea1  
Canvas X: 6205101.731941875  
Canvas Y: 2199888.869899659  
Area: 3.049  
Downstream: Pac-Junction-1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.65

Baseflow: None

Erosion: None  
End:

Sink: Ex-Temescal 2  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
End:

Subbasin: PACArea2  
Canvas X: 6210284.763687812  
Canvas Y: 2205873.6966118175  
Area: 1.302  
Downstream: Ex-Temescal 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.35

Baseflow: None

Erosion: None  
End:  
  
Reach: Pac Natural 1  
Canvas X: 6212534.110633177  
Canvas Y: 2210781.772067425  
From Canvas X:  
6213009.924647855  
From Canvas Y:  
2207477.508076608  
Downstream: Ex-Temescal 2  
  
Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 3660  
Energy Slope: 0.03  
Width: 100  
Side Slope: 10  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:  
  
Junction: Pac-Junction-1  
Canvas X: 6213009.924647855  
Canvas Y: 2207477.508076608  
Downstream: Pac Natural 1  
End:

Basin Schematic Properties:  
Last View N:  
2211442.090713685  
Last View S: 2194578.195608364  
Last View W:  
6194876.123866253  
Last View E: 6221125.1970093  
Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093  
Extent Method: Elements  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Spe  
cific Plan\Exist PacificClay-  
Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Outlet 1 AMC I**

Last Modified Date: 23  
September 2008  
Last Modified Time: 00:03:44  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No

Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 9  
Canvas X: 6209548.094880707  
Canvas Y: 2209056.59996581  
Area: 0.102  
Downstream: Outlet1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Junction: Outlet1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2200290.8452218985  
Last View W: 6199543.305277259  
Last View E: 6219634.438161314  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Outlet 1 AMC I 24-hour**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:04:02  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE

Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 9  
Canvas X: 6209390.61095329  
Canvas Y: 2209063.9395030527  
Area: 0.102  
Downstream: Outlet1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Junction: Outlet1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2211291.783050043  
Last View S: 2206477.5425609252  
Last View W: 6202957.170401557  
Last View E: 6214333.679176438  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Pr-Outlet 1 AMC II

Last Modified Date: 23 September 2008  
Last Modified Time: 00:04:43  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 9  
Canvas X: 6209490.782493932  
Canvas Y: 2209142.5685459725  
Area: 0.102  
Downstream: Outlet1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Junction: Outlet1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2212835.475039606  
Last View S: 2201618.8187928167  
Last View W: 6200709.515066349  
Last View E: 6218524.204399484  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Spe  
cific Plan\Prop PacificClay-  
Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Pr-Outlet 1 AMC II 24- hour

Last Modified Date: 23  
September 2008  
Last Modified Time: 00:04:58  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No

Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 9  
Canvas X: 6209662.719654257  
Canvas Y: 2209343.161899686  
Area: 0.102  
Downstream: Outlet1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Junction: Outlet1  
Canvas X: 6210359.626254353  
Canvas Y: 2210489.9225657918  
End:

Basin Schematic Properties:  
Last View N: 2211245.9216321115  
Last View S: 2206528.467723873  
Last View W: 6206366.681989113  
Last View E: 6215538.044894515  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Pr-Outlet 2 AMCI

Last Modified Date: 25 September 2008  
Last Modified Time: 17:56:08  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 10  
Canvas X: 6205354.69067762  
Canvas Y: 2204589.826599924  
Area: 0.519  
Downstream: K

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.41

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.24

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief1  
Canvas X: 6205644.299308085  
Canvas Y: 2206696.0711851236  
Area: 0.128  
Downstream: Horsethief Natural 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.34

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 13  
Canvas X: 6208640.41934037  
Canvas Y: 2209908.0458458303  
Label X: -69.0  
Label Y: 17.0  
Area: 0.069  
Downstream: Outlet 2

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.39

Transform: User-Specified S-Graph

S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: Horsethief Natural 1  
Canvas X: 6207555.363214327  
Canvas Y: 2208018.5515573756  
From Canvas X:  
6206966.0654907  
From Canvas Y:  
2207925.012236165  
Downstream: K

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 503  
Energy Slope: 0.14  
Width: 40  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Outlet 2  
Canvas X: 6209248.42492824  
Canvas Y: 2210310.264927036  
End:

Junction: K  
Canvas X: 6207555.363214327  
Canvas Y: 2208018.5515573756  
Downstream: K-L  
End:

Reach: K-L  
Canvas X: 6208135.307005833  
Canvas Y: 2208682.6807379713  
From Canvas X:  
6207555.363214327  
From Canvas Y:  
2208018.5515573756  
Downstream: L

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1060  
Energy Slope: 0.04  
Width: 40  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: L-Outlet 2  
Canvas X: 6209248.42492824  
Canvas Y: 2210310.264927036  
From Canvas X:  
6208135.307005833  
From Canvas Y:  
2208682.6807379713  
Downstream: Outlet 2

Route: Muskingum Cunge  
Channel: Trapezoid

Length: 2069  
Energy Slope: 0.05  
Width: 40  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: L  
Canvas X: 6208135.307005833  
Canvas Y: 2208682.6807379713  
Downstream: L-Outlet 2  
End:

Subbasin: Pac 11  
Canvas X: 6207714.380060385  
Canvas Y: 2207298.298784054  
Area: 0.107  
Downstream: L

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.34

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief2  
Canvas X: 6206783.092406796  
Canvas Y: 2208313.309459235  
Area: 0.013  
Downstream: G-L

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.39

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Reach: G-L  
Canvas X: 6208135.307005833  
Canvas Y: 2208682.6807379713  
From Canvas X: 6207066.669981054  
From Canvas Y: 2208651.4211823894  
Label X: -6.0  
Label Y: 11.0  
Downstream: L

|                                   |                                   |                                   |
|-----------------------------------|-----------------------------------|-----------------------------------|
| Route: Lag                        | Subbasin: Pac 10                  | Baseflow: None                    |
| Lag: 0.99                         | Canvas X: 6205354.69067762        | Erosion: None                     |
| Channel Loss: None                | Canvas Y: 2204589.826599924       | End:                              |
| Route Sediment: No                | Area: 0.519                       |                                   |
| End:                              | Downstream: K                     |                                   |
|                                   | Canopy: None                      | Reach: Horsethief Natural 1       |
| Subbasin: Pac 12                  | Surface: None                     | Canvas X: 6207555.363214327       |
| Canvas X: 6207511.15561043        | LossRate: Initial+Constant        | Canvas Y: 2208018.5515573756      |
| Canvas Y: 2208779.694641368       | Percent Impervious Area: 0.0      | From Canvas X: 6206966.0654907    |
| Area: 0.027                       | Initial Loss: 0                   | From Canvas Y: 2207925.012236165  |
| Downstream: L                     | Constant Loss Rate: 0             | Downstream: K                     |
| Canopy: None                      | Transform: User-Specified S-Graph | Route: Muskingum Cunge            |
| Surface: None                     | S-graph: S-Graph Foothills        | Channel: Trapezoid                |
| LossRate: Initial+Constant        | Lag: 0.24                         | Length: 503                       |
| Percent Impervious Area: 0.0      | Baseflow: None                    | Energy Slope: 0.14                |
| Initial Loss: 0                   | Erosion: None                     | Width: 40                         |
| Constant Loss Rate: 0.35          | End:                              | Side Slope: 3                     |
| Transform: User-Specified S-Graph | Subbasin: Horsethief1             | Mannings n: 0.03                  |
| S-graph: S-Graph Foothills        | Canvas X: 6205644.299308085       | Channel Loss: None                |
| Lag: 0.03                         | Canvas Y: 2206696.0711851236      | Route Sediment: No                |
| Baseflow: None                    | Area: 0.128                       | End:                              |
| Erosion: None                     | Downstream: Horsethief Natural 1  | Junction: Outlet 2                |
| End:                              | Canopy: None                      | Canvas X: 6209248.42492824        |
| Basin Schematic Properties:       | Surface: None                     | Canvas Y: 2210310.264927036       |
| Last View N: 2211822.7468102663   | LossRate: Initial+Constant        | End:                              |
| Last View S: 2203402.1370630497   | Percent Impervious Area: 0.0      | Junction: K                       |
| Last View W: 6202077.197029389    | Initial Loss: 0                   | Canvas X: 6207555.363214327       |
| Last View E: 6212036.745799373    | Constant Loss Rate: 0             | Canvas Y: 2208018.5515573756      |
| Maximum View N: 2211442.090713685 | Transform: User-Specified S-Graph | Downstream: K-L                   |
| Maximum View S: 2194578.195608364 | S-graph: S-Graph Foothills        | End:                              |
| Maximum View W: 6194876.123866253 | Lag: 0.17                         | Reach: K-L                        |
| Maximum View E: 6221125.1970093   | Baseflow: None                    | Canvas X: 6208135.307005833       |
| Extent Method: Elements Maps      | Erosion: None                     | Canvas Y: 2208682.6807379713      |
| Buffer: 0                         | End:                              | From Canvas X: 6207555.363214327  |
| Draw Icons: Yes                   | Subbasin: Pac 13                  | From Canvas Y: 2208018.5515573756 |
| Draw Icon Labels: Yes             | Canvas X: 6208640.41934037        | Downstream: L                     |
| Draw Gridlines: Yes               | Canvas Y: 2209908.0458458303      | Route: Muskingum Cunge            |
| Draw Flow Direction: No           | Label X: -69.0                    | Channel: Trapezoid                |
| Fix Element Locations: No         | Label Y: 17.0                     | Length: 1060                      |
| Map: hec.map.dxf.DxfMap           | Area: 0.069                       | Energy Slope: 0.04                |
| Map File Name:                    | Downstream: Outlet 2              | Width: 40                         |
| R:\06\1000\REPORTS\HYDRO\Specific | Canopy: None                      | Side Slope: 3                     |
| Plan\Prop PacificClay-Ridge.dxf   | Surface: None                     | Mannings n: 0.03                  |
| Map Shown: Yes                    | LossRate: Initial+Constant        | Channel Loss: None                |
| End:                              | Percent Impervious Area: 0.0      | Route Sediment: No                |
|                                   | Initial Loss: 0                   | End:                              |
|                                   | Constant Loss Rate: 0             | Reach: L-Outlet 2                 |
|                                   | Transform: User-Specified S-Graph | Canvas X: 6209248.42492824        |
|                                   | S-graph: S-Graph Foothills        | Canvas Y: 2210310.264927036       |
|                                   | Lag: 0.09                         | From Canvas X: 6208135.307005833  |
|                                   |                                   | From Canvas Y: 2208682.6807379713 |
|                                   |                                   | Downstream: Outlet 2              |
|                                   |                                   | Route: Muskingum Cunge            |
|                                   |                                   | Channel: Trapezoid                |
|                                   |                                   | Length: 2069                      |
|                                   |                                   | Energy Slope: 0.05                |
|                                   |                                   | Width: 40                         |
|                                   |                                   | Side Slope: 3                     |
|                                   |                                   | Mannings n: 0.03                  |
|                                   |                                   | Channel Loss: None                |
|                                   |                                   | Route Sediment: No                |
|                                   |                                   |                                   |

|                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End:                                                                                                                                                                                                                                                                                                                                                                                        | Subbasin: Pac 12<br>Canvas X: 6207511.15561043<br>Canvas Y: 2208779.694641368<br>Area: 0.027<br>Downstream: L<br>Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.03<br>Baseflow: None<br>Erosion: None<br>End:                                                                                                                                                                                                                                                                         | Fall Velocity Method: UNSPECIFIED<br>End:                                                                                                                                                                                                                                                                                                                                                                        |
| Junction: L<br>Canvas X: 6208135.307005833<br>Canvas Y: 2208682.6807379713<br>Downstream: L-Outlet 2<br>End:                                                                                                                                                                                                                                                                                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | Subbasin: Pac 10<br>Canvas X: 6205354.69067762<br>Canvas Y: 2204589.826599924<br>Area: 0.52<br>Downstream: K<br>Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.23<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.24<br>Baseflow: None<br>Erosion: None<br>End:                            |
| Subbasin: Pac 11<br>Canvas X: 6207714.380060385<br>Canvas Y: 2207298.298784054<br>Area: 0.107<br>Downstream: L<br>Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br>Baseflow: None<br>Erosion: None<br>End:        | Basin Schematic Properties:<br>Last View N:<br>2209947.9515545554<br>Last View S: 2206716.875622938<br>Last View W:<br>6204351.873561251<br>Last View E: 6210842.04053372<br>Maximum View N:<br>2211442.090713685<br>Maximum View S:<br>2194578.195608364<br>Maximum View W:<br>6194876.123866253<br>Maximum View E:<br>6221125.1970093<br>Extent Method: Elements Maps<br>Buffer: 0<br>Draw Icons: Yes<br>Draw Icon Labels: Yes<br>Draw Gridlines: Yes<br>Draw Flow Direction: No<br>Fix Element Locations: No<br>Map: hec.map.dxf.DxfMap<br>Map File Name:<br>R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf<br>Map Shown: Yes<br>End: | Subbasin: Horsethief1<br>Canvas X: 6205644.299308085<br>Canvas Y: 2206696.0711851236<br>Area: 0.128<br>Downstream: Horsethief Natural 1<br>Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.22<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.17<br>Baseflow: None<br>Erosion: None<br>End: |
| Subbasin: Horsethief2<br>Canvas X: 6206783.092406796<br>Canvas Y: 2208313.309459235<br>Area: 0.013<br>Downstream: G-L<br>Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.03<br>Baseflow: None<br>Erosion: None<br>End: | <b>Basin: Pr-Outlet 2 AMCII</b><br><br>Last Modified Date: 25<br>September 2008<br>Last Modified Time: 17:56:30<br>Version: 3.2<br>Unit System: English<br>Missing Flow To Zero: No<br>Enable Flow Ratio: No<br>Allow Blending: No<br>Compute Local Flow At<br>Junctions: No<br><br>Sediment Grade Scale: NONE<br>Enable Sediment Routing: No                                                                                                                                                                                                                                                                                                               | Subbasin: Pac 13<br>Canvas X: 6208640.41934037<br>Canvas Y: 2209908.0458458303<br>Label X: -69.0<br>Label Y: 17.0<br>Area: 0.069<br>Downstream: Outlet 2<br>Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.25<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.09                           |
| Reach: G-L<br>Canvas X: 6208135.307005833<br>Canvas Y: 2208682.6807379713<br>From Canvas X: 6207066.669981054<br>From Canvas Y: 2208651.4211823894<br>Label X: -6.0<br>Label Y: 11.0<br>Downstream: L<br>Route: Lag<br>Lag: 0.99<br>Channel Loss: None<br>Route Sediment: No<br>End:                                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                                                                                                                                                                  |

Baseflow: None  
Erosion: None  
End:  
Reach: Horsethief Natural 1  
Canvas X: 6207555.363214327  
Canvas Y: 2208018.5515573756  
From Canvas X: 6206966.0654907  
From Canvas Y: 2207925.012236165  
Downstream: K  
Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 503  
Energy Slope: 0.14  
Width: 40  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Outlet 2  
Canvas X: 6209248.42492824  
Canvas Y: 2210310.264927036  
End:

Junction: K  
Canvas X: 6207555.363214327  
Canvas Y: 2208018.5515573756  
Downstream: K-L  
End:

Reach: K-L  
Canvas X: 6208059.487187596  
Canvas Y: 2208706.84622983  
From Canvas X: 6207555.363214327  
From Canvas Y: 2208018.5515573756  
Downstream: L

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 1060  
Energy Slope: 0.04  
Width: 40  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: L-Outlet 2  
Canvas X: 6209248.42492824  
Canvas Y: 2210310.264927036  
From Canvas X: 6208059.487187596  
From Canvas Y: 2208706.84622983  
Downstream: Outlet 2

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2069  
Energy Slope: 0.05  
Width: 40  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: L  
Canvas X: 6208059.487187596  
Canvas Y: 2208706.84622983  
Downstream: L-Outlet 2  
End:

Subbasin: Pac 11  
Canvas X: 6207714.380060385  
Canvas Y: 2207298.298784054  
Area: 0.107  
Downstream: L

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.22

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Horsethief2  
Canvas X: 6206812.344606955  
Canvas Y: 2208392.6068511554  
Label X: -112.0  
Label Y: 2.0  
Area: 0.013  
Downstream: G-L

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Reach: G-L  
Canvas X: 6208059.487187596  
Canvas Y: 2208706.84622983  
From Canvas X:  
6207091.379414113  
From Canvas Y:  
2208670.3138610194  
Downstream: L

Route: Lag

Lag: 0.99

Channel Loss: None

Route Sediment: No  
End:

Subbasin: Pac12  
Canvas X: 6207374.505272396  
Canvas Y: 2208779.910967451  
Area: 0.027  
Downstream: L

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.24

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.03

Baseflow: None

Erosion: None  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2206085.7400825974  
Last View W: 6203257.732494168  
Last View E: 6211318.09761017  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Pr-Outlet 2 AMCH 24-hour

Last Modified Date: 25 September 2008  
Last Modified Time: 17:56:40  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 10  
Canvas X: 6205354.69067762  
Canvas Y: 2204589.826599924  
Area: 0.519  
Downstream: K

|                                   |                                      |                                   |
|-----------------------------------|--------------------------------------|-----------------------------------|
| Canopy: None                      | From Canvas X:<br>6206966.0654907    | Canvas X: 6208135.307005833       |
| Surface: None                     | From Canvas Y:<br>2207925.012236165  | Canvas Y: 2208682.6807379713      |
| LossRate: Initial+Constant        | Downstream: K                        | Downstream: L-Outlet 2            |
| Percent Impervious Area: 0.0      |                                      | End:                              |
| Initial Loss: 0                   | Route: Muskingum Cunge               | Subbasin: Pac 11                  |
| Constant Loss Rate: 0             | Channel: Trapezoid                   | Canvas X: 6207714.380060385       |
| Transform: User-Specified S-Graph | Length: 503                          | Canvas Y: 2207298.298784054       |
| S-graph: S-Graph Foothills        | Energy Slope: 0.14                   | Area: 0.107                       |
| Lag: 0.24                         | Width: 40                            | Downstream: L                     |
| Baseflow: None                    | Side Slope: 3                        | Canopy: None                      |
| Erosion: None                     | Mannings n: 0.03                     | Surface: None                     |
| End:                              | Channel Loss: None                   | LossRate: Initial+Constant        |
| Subbasin: Horsethief1             | Route Sediment: No                   | Percent Impervious Area: 0.0      |
| Canvas X: 6205644.299308085       | End:                                 | Initial Loss: 0                   |
| Canvas Y: 2206696.0711851236      | Junction: Outlet 2                   | Constant Loss Rate: 0             |
| Area: 0.128                       | Canvas X: 6209248.42492824           | Transform: User-Specified S-Graph |
| Downstream: Horsethief Natural 1  | Canvas Y: 2210310.264927036          | S-graph: S-Graph Foothills        |
| Canopy: None                      | End:                                 | Lag: 0.07                         |
| Surface: None                     | Junction: K                          | Baseflow: None                    |
| LossRate: Initial+Constant        | Canvas X: 6207555.363214327          | Erosion: None                     |
| Percent Impervious Area: 0.0      | Canvas Y: 2208018.5515573756         | End:                              |
| Initial Loss: 0                   | Downstream: K-L                      | Subbasin: Horsethief2             |
| Constant Loss Rate: 0             | End:                                 | Canvas X: 6206783.092406796       |
| Transform: User-Specified S-Graph | Reach: K-L                           | Canvas Y: 2208313.309459235       |
| S-graph: S-Graph Foothills        | Canvas X: 6208135.307005833          | Area: 0.013                       |
| Lag: 0.17                         | Canvas Y: 2208682.6807379713         | Downstream: G-L                   |
| Baseflow: None                    | From Canvas X:<br>6207555.363214327  | Canopy: None                      |
| Erosion: None                     | From Canvas Y:<br>2208018.5515573756 | Surface: None                     |
| End:                              | Downstream: L                        | LossRate: Initial+Constant        |
| Subbasin: Pac 13                  | Route: Muskingum Cunge               | Percent Impervious Area: 0.0      |
| Canvas X: 6208640.41934037        | Channel: Trapezoid                   | Initial Loss: 0                   |
| Canvas Y: 2209908.0458458303      | Length: 1060                         | Constant Loss Rate: 0             |
| Label X: -69.0                    | Energy Slope: 0.04                   | Transform: User-Specified S-Graph |
| Label Y: 17.0                     | Width: 40                            | S-graph: S-Graph Foothills        |
| Area: 0.069                       | Side Slope: 3                        | Lag: 0.03                         |
| Downstream: Outlet 2              | Mannings n: 0.03                     | Baseflow: None                    |
| Canopy: None                      | Channel Loss: None                   | Erosion: None                     |
| Surface: None                     | Route Sediment: No                   | End:                              |
| LossRate: Initial+Constant        | End:                                 | Reach: G-L                        |
| Percent Impervious Area: 0.0      | Reach: L-Outlet 2                    | Canvas X: 6208135.307005833       |
| Initial Loss: 0                   | Canvas X: 6209248.42492824           | Canvas Y: 2208682.6807379713      |
| Constant Loss Rate: 0             | Canvas Y: 2210310.264927036          | From Canvas X: 6207066.669981054  |
| Transform: User-Specified S-Graph | From Canvas X:<br>6208135.307005833  | From Canvas Y: 2208651.4211823894 |
| S-graph: S-Graph Foothills        | From Canvas Y:<br>2208682.6807379713 | Label X: -43.0                    |
| Lag: 0.09                         | Downstream: Outlet 2                 | Label Y: -12.0                    |
| Baseflow: None                    | Route: Muskingum Cunge               | Downstream: L                     |
| Erosion: None                     | Channel: Trapezoid                   | Route: Lag                        |
| End:                              | Length: 2069                         | Lag: 0.99                         |
| Reach: Horsethief Natural 1       | Energy Slope: 0.05                   | Channel Loss: None                |
| Canvas X: 6207555.363214327       | Width: 40                            | Route Sediment: No                |
| Canvas Y: 2208018.5515573756      | Side Slope: 3                        | End:                              |
|                                   | Mannings n: 0.03                     | Subbasin: Pac 12                  |
|                                   | Channel Loss: None                   | Canvas X: 6207511.15561043        |
|                                   | Route Sediment: No                   | Canvas Y: 2208779.694641368       |
|                                   | End:                                 |                                   |
|                                   | Junction: L                          |                                   |

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| <p>Label X: -18.0<br/> Label Y: 23.0<br/> Area: 0.027<br/> Downstream: L</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.03</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Basin Schematic Properties:<br/> Last View N: 2210588.9698260757<br/> Last View S: 2203796.195966243<br/> Last View W: 6204103.943236656<br/> Last View E: 6211234.7461274285<br/> Maximum View N: 2211442.090713685<br/> Maximum View S: 2194578.195608364<br/> Maximum View W: 6194876.123866253<br/> Maximum View E: 6221125.1970093<br/> Extent Method: Elements Maps<br/> Buffer: 0<br/> Draw Icons: Yes<br/> Draw Icon Labels: Yes<br/> Draw Gridlines: Yes<br/> Draw Flow Direction: No<br/> Fix Element Locations: No<br/> Map: hec.map.dxf.DxfMap<br/> Map File Name:<br/> R:\06\1000\REPORTS\HYDRO\Specific<br/> Plan\Prop PacificClay-Ridge.dxf<br/> Map Shown: Yes</p> <p>End:</p> <p><b>Basin: Pr-Outlet 3 AMC I</b></p> <p>Last Modified Date: 25 September 2008<br/> Last Modified Time: 19:00:40<br/> Version: 3.2<br/> Unit System: English<br/> Missing Flow To Zero: No<br/> Enable Flow Ratio: No<br/> Allow Blending: No<br/> Compute Local Flow At Junctions: No</p> <p>Sediment Grade Scale: NONE<br/> Enable Sediment Routing: No<br/> Fall Velocity Method: UNSPECIFIED</p> <p>End:</p> <p>Subbasin: Horsethief3<br/> Canvas X: 6206843.119700206<br/> Canvas Y: 2209202.0303964587<br/> Area: 0.016<br/> Downstream: H-I</p> <p>Canopy: None</p> <p>Surface: None</p> | <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.39</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.04</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: Pac 14<br/> Canvas X: 6207726.39415327<br/> Canvas Y: 2209780.472032602<br/> Area: 0.030<br/> Downstream: Outlet 3</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.30</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.04</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Reach: H-I<br/> Canvas X: 6207414.36994506<br/> Canvas Y: 2209653.1295084413<br/> From Canvas X:<br/> 6207070.023152689<br/> From Canvas Y:<br/> 2209660.9638879634<br/> Label X: -16.0<br/> Label Y: 21.0<br/> Downstream: I</p> <p>Route: Lag<br/> Lag: 0.37<br/> Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Junction: Outlet 3<br/> Canvas X: 6207888.628611744<br/> Canvas Y: 2210294.4963683565</p> <p>End:</p> <p>Reach: I-Outlet 3<br/> Canvas X: 6207888.628611744<br/> Canvas Y: 2210294.4963683565<br/> From Canvas X:<br/> 6207414.36994506<br/> From Canvas Y:<br/> 2209653.1295084413<br/> Downstream: Outlet 3</p> | <p>Route: Lag<br/> Lag: 0.54<br/> Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Junction: I<br/> Canvas X: 6207414.36994506<br/> Canvas Y: 2209653.1295084413<br/> Downstream: I-Outlet 3</p> <p>End:</p> <p>Basin Schematic Properties:<br/> Last View N: 2211532.380956914<br/> Last View S: 2208280.283399368<br/> Last View W: 6204458.197026879<br/> Last View E: 6210933.355556634<br/> Maximum View N: 2211442.090713685<br/> Maximum View S: 2194578.195608364<br/> Maximum View W: 6194876.123866253<br/> Maximum View E: 6221125.1970093<br/> Extent Method: Elements Maps<br/> Buffer: 0<br/> Draw Icons: Yes<br/> Draw Icon Labels: Yes<br/> Draw Gridlines: Yes<br/> Draw Flow Direction: Yes<br/> Fix Element Locations: No<br/> Map: hec.map.dxf.DxfMap<br/> Map File Name:<br/> R:\06\1000\REPORTS\HYDRO\Specific<br/> Plan\Prop PacificClay-Ridge.dxf<br/> Map Shown: Yes</p> <p>End:</p> <p><b>Basin: Pr-Outlet 3 AMC I 24-hour</b></p> <p>Last Modified Date: 25 September 2008<br/> Last Modified Time: 20:08:30<br/> Version: 3.2<br/> Unit System: English<br/> Missing Flow To Zero: No<br/> Enable Flow Ratio: No<br/> Allow Blending: No<br/> Compute Local Flow At Junctions: No</p> <p>Sediment Grade Scale: NONE<br/> Enable Sediment Routing: No<br/> Fall Velocity Method: UNSPECIFIED</p> <p>End:</p> <p>Subbasin: Horsethief3<br/> Canvas X: 6206843.119700206<br/> Canvas Y: 2209202.0303964587<br/> Area: 0.016<br/> Downstream: H-I</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.04</p> |
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| <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Subbasin: Pac 14</p> <p>Canvas X: 6207699.624736514</p> <p>Canvas Y: 2209818.6364870677</p> <p>Area: 0.030</p> <p>Downstream: Outlet 3</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0</p> <p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.04</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Reach: H-I</p> <p>Canvas X: 6207414.36994506</p> <p>Canvas Y: 2209653.1295084413</p> <p>From Canvas X: 6207073.350833383</p> <p>From Canvas Y: 2209680.9299721303</p> <p>Downstream: I</p> <p>Route: Lag</p> <p>Lag: 0.37</p> <p>Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Junction: Outlet 3</p> <p>Canvas X: 6207888.628611744</p> <p>Canvas Y: 2210294.4963683565</p> <p>End:</p> <p>Reach: I-Outlet 3</p> <p>Canvas X: 6207888.628611744</p> <p>Canvas Y: 2210294.4963683565</p> <p>From Canvas X: 6207414.36994506</p> <p>From Canvas Y: 2209653.1295084413</p> <p>Downstream: Outlet 3</p> <p>Route: Lag</p> <p>Lag: 0.54</p> <p>Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Junction: I</p> <p>Canvas X: 6207414.36994506</p> <p>Canvas Y: 2209653.1295084413</p> <p>Downstream: I-Outlet 3</p> <p>End:</p> <p>Basin Schematic Properties:</p> <p>Last View N: 2210893.576079539</p> <p>Last View S: 2208047.9907166865</p> | <p>Last View W: 6204400.123856207</p> <p>Last View E: 6212123.855555379</p> <p>Maximum View N: 2211442.090713685</p> <p>Maximum View S: 2194578.195608364</p> <p>Maximum View W: 6194876.123866253</p> <p>Maximum View E: 6221125.1970093</p> <p>Extent Method: Elements Maps</p> <p>Buffer: 0</p> <p>Draw Icons: Yes</p> <p>Draw Icon Labels: Yes</p> <p>Draw Gridlines: Yes</p> <p>Draw Flow Direction: Yes</p> <p>Fix Element Locations: No</p> <p>Map: hec.map.dxf.DxfMap</p> <p>Map File Name: R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf</p> <p>Map Shown: Yes</p> <p>End:</p> <p><b>Basin: Pr-Outlet 3 AMC II</b></p> <p>Last Modified Date: 25 September 2008</p> <p>Last Modified Time: 20:08:35</p> <p>Version: 3.2</p> <p>Unit System: English</p> <p>Missing Flow To Zero: No</p> <p>Enable Flow Ratio: No</p> <p>Allow Blending: No</p> <p>Compute Local Flow At Junctions: No</p> <p>Sediment Grade Scale: NONE</p> <p>Enable Sediment Routing: No</p> <p>Fall Velocity Method: UNSPECIFIED</p> <p>End:</p> <p>Subbasin: Horsethief3</p> <p>Canvas X: 6206843.119700206</p> <p>Canvas Y: 2209202.0303964587</p> <p>Area: 0.016</p> <p>Downstream: H-I</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.28</p> <p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.04</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> | <p>Subbasin: Pac 14</p> <p>Canvas X: 6207708.997272816</p> <p>Canvas Y: 2209840.903757846</p> <p>Area: 0.030</p> <p>Downstream: Outlet 3</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.19</p> <p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.04</p> <p>Baseflow: None</p> <p>Erosion: None</p> <p>End:</p> <p>Reach: H-I</p> <p>Canvas X: 6207414.36994506</p> <p>Canvas Y: 2209653.1295084413</p> <p>From Canvas X: 6207073.350833383</p> <p>From Canvas Y: 2209680.9299721303</p> <p>Downstream: I</p> <p>Route: Lag</p> <p>Lag: 0.37</p> <p>Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Junction: Outlet 3</p> <p>Canvas X: 6207888.628611744</p> <p>Canvas Y: 2210294.4963683565</p> <p>End:</p> <p>Reach: I-Outlet 3</p> <p>Canvas X: 6207888.628611744</p> <p>Canvas Y: 2210294.4963683565</p> <p>From Canvas X: 6207414.36994506</p> <p>From Canvas Y: 2209653.1295084413</p> <p>Downstream: Outlet 3</p> <p>Route: Lag</p> <p>Lag: 0.54</p> <p>Channel Loss: None</p> <p>Route Sediment: No</p> <p>End:</p> <p>Junction: I</p> <p>Canvas X: 6207414.36994506</p> <p>Canvas Y: 2209653.1295084413</p> <p>Downstream: I-Outlet 3</p> <p>End:</p> <p>Basin Schematic Properties:</p> <p>Last View N: 2210477.0739329197</p> <p>Last View S: 2208605.7238242743</p> <p>Last View W: 6205550.923390932</p> <p>Last View E: 6209104.532482263</p> <p>Maximum View N: 2211442.090713685</p> <p>Maximum View S: 2194578.195608364</p> <p>Maximum View W: 6194876.123866253</p> <p>Maximum View E: 6221125.1970093</p> |
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Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Outlet 3 AMC II 24-hr**

Last Modified Date: 25 September 2008  
Last Modified Time: 20:08:40  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Horsethief3  
Canvas X: 6206843.119700206  
Canvas Y: 2209178.550225594  
Area: 0.016  
Downstream: H-I

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 14  
Canvas X: 6207684.258601311  
Canvas Y: 2209792.3739087516  
Area: 0.030  
Downstream: Outlet 3

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills

Lag: 0.04

Baseflow: None

Erosion: None  
End:

Reach: H-I  
Canvas X: 6207414.36994506  
Canvas Y: 2209629.6493375767  
From Canvas X:  
6207073.350833383  
From Canvas Y:  
2209657.4498012657  
Downstream: I

Route: Lag  
Lag: 0.37  
Channel Loss: None

Route Sediment: No  
End:

Junction: Outlet 3  
Canvas X: 6207888.628611744  
Canvas Y: 2210271.016197492  
End:

Reach: I-Outlet 3  
Canvas X: 6207888.628611744  
Canvas Y: 2210271.016197492  
From Canvas X:  
6207414.36994506  
From Canvas Y:  
2209629.6493375767  
Downstream: Outlet 3

Route: Lag  
Lag: 0.54  
Channel Loss: None

Route Sediment: No  
End:

Junction: I  
Canvas X: 6207414.36994506  
Canvas Y: 2209629.6493375767  
Downstream: I-Outlet 3  
End:

Basin Schematic Properties:  
Last View N:  
2210727.107152879  
Last View S:  
2208314.0376351587  
Last View W:  
6205507.078294885  
Last View E:  
6209741.121569034  
Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes

Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Temescal 1-2yr-1hr I**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:19:55  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Area 3  
Canvas X: 6214492.668891785  
Canvas Y: 2204879.0546856634  
Label X: 0.0  
Label Y: 3.0  
Area: 0.502  
Downstream: DD

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.32

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.15

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 1  
Canvas X: 6218961.1941912975  
Canvas Y: 2205778.3805321064  
From Canvas X: -2693.682178434916  
From Canvas Y: -7335.98550722748  
Label X: -69.0  
Label Y: 17.0  
Area: 0.278  
Downstream: BB

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.32

Transform: User-Specified S-Graph

|                                   |                              |                                    |
|-----------------------------------|------------------------------|------------------------------------|
| S-graph: S-Graph Foothills        | Lag: 0.06                    | From Canvas X: 6214319.155309028   |
| Lag: 0.09                         | Channel Loss: None           | From Canvas Y: 2208939.0525979693  |
| Baseflow: None                    | Route Sediment: No           | Downstream: HH                     |
| Erosion: None                     | End:                         | Route: Lag                         |
| End:                              | Junction: BB                 | Lag: 0.99                          |
| Reach: AA-BB                      | Canvas X: 6216618.037051792  | Channel Loss: None                 |
| Canvas Y: 2205747.301606899       | Canvas Y: 2205747.301606899  | Route Sediment: No                 |
| From Canvas X: 6216823.294350253  | Downstream: BB-CC            | End:                               |
| From Canvas Y: 2205449.6785241305 | End:                         | Reach: HH-Temescal 1               |
| Downstream: BB                    | Junction: CC                 | Canvas X: 6213677.654843446        |
| Route: Lag                        | Canvas X: 6216186.996725025  | Canvas Y: 2210893.2962837494       |
| Lag: 0.20                         | Canvas Y: 2206322.02204259   | From Canvas X: 6214113.898010567   |
| Channel Loss: None                | Downstream: CC-DD            | From Canvas Y: 2210447.6937416582  |
| Route Sediment: No                | End:                         | Downstream: Temescal 1             |
| End:                              | Junction: DD                 | Route: Lag                         |
| Reach: BB-CC                      | Canvas X: 6215560.961964718  | Lag: 0.06                          |
| Canvas X: 6216186.996725025       | Canvas Y: 2206845.428153666  | Channel Loss: None                 |
| Canvas Y: 2206322.02204259        | Downstream: DD-EE            | Route Sediment: No                 |
| From Canvas X: 6216618.037051792  | End:                         | End:                               |
| From Canvas Y: 2205747.301606899  | Junction: EE                 | Subbasin: R-Area 2                 |
| Downstream: CC                    | Canvas X: 6214893.875744719  | Canvas X: 6217629.405724835        |
| Route: Lag                        | Canvas Y: 2207450.9371841266 | Canvas Y: 2207357.4704743084       |
| Lag: 0.41                         | Downstream: EE-FF            | From Canvas X: -4025.4706448977813 |
| Channel Loss: None                | End:                         | From Canvas Y: -5756.895565025508  |
| Route Sediment: No                | Junction: FF                 | Label X: -4.0                      |
| End:                              | Canvas X: 6214801.509960412  | Label Y: 10.0                      |
| Reach: CC-DD                      | Canvas Y: 2207676.7202124335 | Area: 0.176                        |
| Canvas X: 6215560.961964718       | Downstream: FF-GG            | Downstream: CC                     |
| Canvas Y: 2206845.428153666       | End:                         | Canopy: None                       |
| From Canvas X: 6216186.996725025  | Sink: Temescal 1             | Surface: None                      |
| From Canvas Y: 2206322.02204259   | Canvas X: 6213677.654843446  | LossRate: Initial+Constant         |
| Downstream: DD                    | Canvas Y: 2210893.2962837494 | Percent Impervious Area: 0.0       |
| Route: Lag                        | End:                         | Initial Loss: 0                    |
| Lag: 0.86                         | Junction: HH                 | Constant Loss Rate: 0.28           |
| Channel Loss: None                | Canvas X: 6214113.898010567  | Transform: User-Specified S-Graph  |
| Route Sediment: No                | Canvas Y: 2210447.6937416582 | S-graph: S-Graph Foothills         |
| End:                              | Downstream: HH-Temescal 1    | Lag: 0.07                          |
| Reach: DD-EE                      | End:                         | Baseflow: None                     |
| Canvas X: 6214893.875744719       | Junction: GG                 | Erosion: None                      |
| Canvas Y: 2207450.9371841266      | Canvas X: 6214319.155309028  | End:                               |
| From Canvas X: 6215560.961964718  | Canvas Y: 2208939.0525979693 | Subbasin: R-Area 5                 |
| From Canvas Y: 2206845.428153666  | Downstream: GG-HH            | Canvas X: 6216603.119232529        |
| Downstream: EE                    | End:                         | Canvas Y: 2208291.3911823067       |
| Route: Lag                        | Reach: FF-GG                 | Area: 0.102                        |
| Lag: 0.62                         | Canvas X: 6214319.155309028  | Downstream: FF                     |
| Channel Loss: None                | Canvas Y: 2208939.0525979693 | Canopy: None                       |
| Route Sediment: No                | From Canvas X:               | Surface: None                      |
| End:                              | 6214801.509960412            | LossRate: Initial+Constant         |
| Reach: EE-FF                      | From Canvas Y:               | Percent Impervious Area: 0.0       |
| Canvas X: 6214801.509960412       | 2207676.7202124335           | Initial Loss: 0                    |
| Canvas Y: 2207676.7202124335      | Downstream: GG               | Constant Loss Rate: 0.34           |
| From Canvas X: 6214893.875744719  | Route: Lag                   | Transform: User-Specified S-Graph  |
| From Canvas Y: 2207450.9371841266 | Lag: 0.79                    | S-graph: S-Graph Foothills         |
| Downstream: FF                    | Channel Loss: None           | Lag: 0.07                          |
| Route: Lag                        | Route Sediment: No           |                                    |
|                                   | End:                         |                                    |
|                                   | Reach: GG-HH                 |                                    |
|                                   | Canvas X: 6214113.898010567  |                                    |
|                                   | Canvas Y: 2210447.6937416582 |                                    |

|                                   |                                                                   |                                       |
|-----------------------------------|-------------------------------------------------------------------|---------------------------------------|
| Baseflow: None                    | Baseflow: None                                                    | Last Modified Date: 23 September 2008 |
| Erosion: None                     | Erosion: None                                                     | Last Modified Time: 00:24:13          |
| End:                              | End:                                                              | Version: 3.2                          |
| Subbasin: R-Area 7                | Subbasin: Area 4                                                  | Unit System: English                  |
| Canvas X: 6215741.038578993       | Canvas X: 6213903.985757766                                       | Missing Flow To Zero: No              |
| Canvas Y: 2208937.951672459       | Canvas Y: 2207008.5330669247                                      | Enable Flow Ratio: No                 |
| Area: 0.124                       | Area: 0.308                                                       | Allow Blending: No                    |
| Downstream: GG                    | Downstream: EE                                                    | Compute Local Flow At Junctions: No   |
| Canopy: None                      | Canopy: None                                                      | Sediment Grade Scale: NONE            |
| Surface: None                     | Surface: None                                                     | Enable Sediment Routing: No           |
| LossRate: Initial+Constant        | LossRate: Initial+Constant                                        | Fall Velocity Method: UNSPECIFIED     |
| Percent Impervious Area: 0.0      | Percent Impervious Area: 0.0                                      | End:                                  |
| Initial Loss: 0                   | Initial Loss: 0                                                   | Subbasin: Area3                       |
| Constant Loss Rate: 0.30          | Constant Loss Rate: 0.40                                          | Canvas X: 6214492.668891785           |
| Transform: User-Specified S-Graph | Transform: User-Specified S-Graph                                 | Canvas Y: 2204879.0546856634          |
| S-graph: S-Graph Foothills        | S-graph: S-Graph Foothills                                        | Label X: 0.0                          |
| Lag: 0.06                         | Lag: 0.12                                                         | Label Y: 3.0                          |
| Baseflow: None                    | Baseflow: None                                                    | Area: 0.502                           |
| Erosion: None                     | Erosion: None                                                     | Downstream: DD                        |
| End:                              | End:                                                              | Canopy: None                          |
| Subbasin: Area 8                  | Source: AA                                                        | Surface: None                         |
| Canvas X: 6213657.676999613       | Canvas X: 6216816.182424085                                       | LossRate: Initial+Constant            |
| Canvas Y: 2209902.660975226       | Canvas Y: 2205454.5867152424                                      | Percent Impervious Area: 0.0          |
| Area: 0.059                       | Area: 0.515                                                       | Initial Loss: 0                       |
| Downstream: HH                    | Downstream: AA-BB                                                 | Constant Loss Rate: 0.32              |
| Canopy: None                      | Flow Gage: 2yr-1hr Detention                                      | Transform: User-Specified S-Graph     |
| Surface: None                     | End:                                                              | S-graph: S-Graph Foothills            |
| LossRate: Initial+Constant        | Basin Schematic Properties:                                       | Lag: 0.15                             |
| Percent Impervious Area: 0.0      | Last View N:                                                      | Baseflow: None                        |
| Initial Loss: 0                   | 2211442.090713685                                                 | Erosion: None                         |
| Constant Loss Rate: 0.20          | Last View S: 2202275.467671372                                    | End:                                  |
| Transform: User-Specified S-Graph | Last View W:                                                      | Subbasin: R-Area 1                    |
| S-graph: S-Graph Foothills        | 6205340.676411031                                                 | Canvas X: 6218961.1941912975          |
| Lag: 0.04                         | Last View E:                                                      | Canvas Y: 2205778.3805321064          |
| Baseflow: None                    | 6220072.895636082                                                 | From Canvas X: -2693.682178434916     |
| Erosion: None                     | Maximum View N:                                                   | From Canvas Y: -7335.98550722748      |
| End:                              | 2211442.090713685                                                 | Label X: -69.0                        |
| Subbasin: Area 6                  | Maximum View S:                                                   | Label Y: 17.0                         |
| Canvas X: 6213667.939864536       | 2194578.195608364                                                 | Area: 0.278                           |
| Canvas Y: 2208219.5511278454      | Maximum View W:                                                   | Downstream: BB                        |
| Area: 0.062                       | 6194876.123866253                                                 | Canopy: None                          |
| Downstream: GG                    | Maximum View E:                                                   | Surface: None                         |
| Canopy: None                      | 6221125.1970093                                                   | LossRate: Initial+Constant            |
| Surface: None                     | Extent Method: Elements Maps                                      | Percent Impervious Area: 0.0          |
| LossRate: Initial+Constant        | Buffer: 0                                                         | Initial Loss: 0                       |
| Percent Impervious Area: 0.0      | Draw Icons: Yes                                                   | Constant Loss Rate: 0.32              |
| Initial Loss: 0                   | Draw Icon Labels: Yes                                             | Transform: User-Specified S-Graph     |
| Constant Loss Rate: 0.10          | Draw Gridlines: Yes                                               | S-graph: S-Graph Foothills            |
| Transform: User-Specified S-Graph | Draw Flow Direction: Yes                                          | Lag: 0.09                             |
| S-graph: S-Graph Foothills        | Fix Element Locations: No                                         | Baseflow: None                        |
| Lag: 0.07                         | Map: hec.map.dxf.DxfMap                                           | Erosion: None                         |
|                                   | Map File Name:                                                    | End:                                  |
|                                   | R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf | Reach: AA-BB                          |
|                                   | Map Shown: Yes                                                    | Canvas X: 6216618.037051792           |
|                                   | End:                                                              | Canvas Y: 2205747.301606899           |
|                                   | Basin: Pr-Temescal 1-2yr-3hr I                                    |                                       |

From Canvas X: 6216823.294350253  
From Canvas Y: 2205449.6785241305  
Downstream: BB

Route: Lag  
Lag: 0.20  
Channel Loss: None

Route Sediment: No  
End:

Reach: BB-CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
From Canvas X: 6216618.037051792  
From Canvas Y: 2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None

Route Sediment: No  
End:

Reach: CC-DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X: 6216186.996725025  
From Canvas Y: 2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None

Route Sediment: No  
End:

Reach: DD-EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
From Canvas X: 6215560.961964718  
From Canvas Y: 2206845.428153666  
Downstream: EE

Route: Lag  
Lag: 0.62  
Channel Loss: None

Route Sediment: No  
End:

Reach: EE-FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
From Canvas X: 6214893.875744719  
From Canvas Y: 2207450.9371841266  
Downstream: FF

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Junction: BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
Downstream: BB-CC  
End:

Junction: CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
Downstream: CC-DD  
End:

Junction: DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
Downstream: DD-EE  
End:

Junction: EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
Downstream: EE-FF  
End:

Junction: FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
Downstream: FF-GG  
End:

Sink: Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
End:

Junction: HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
Downstream: HH-Temescal 1  
End:

Junction: GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
Downstream: GG-HH  
End:

Reach: FF-GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
From Canvas X:  
6214801.509960412  
From Canvas Y:  
2207676.7202124335  
Downstream: GG

Route: Lag  
Lag: 0.79  
Channel Loss: None

Route Sediment: No  
End:

Reach: GG-HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
From Canvas X:  
6214319.155309028  
From Canvas Y:  
2208939.0525979693  
Downstream: HH

Route: Lag  
Lag: 0.99  
Channel Loss: None

Route Sediment: No

End:

Reach: HH-Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
From Canvas X: 6214113.898010567  
From Canvas Y: 2210447.6937416582  
Downstream: Temescal 1

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: R-Area 2  
Canvas X: 6217629.405724835  
Canvas Y: 2207357.4704743084  
From Canvas X: -4025.4706448977813  
From Canvas Y: -5756.895565025508  
Label X: -4.0  
Label Y: 10.0  
Area: 0.176  
Downstream: CC

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 5  
Canvas X: 6216603.119232529  
Canvas Y: 2208291.3911823067  
Area: 0.102  
Downstream: FF

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.34

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 7  
Canvas X: 6215741.038578993  
Canvas Y: 2208937.951672459  
Area: 0.124

|                                   |                                       |                                     |
|-----------------------------------|---------------------------------------|-------------------------------------|
| Downstream: GG                    | Downstream: EE                        | Compute Local Flow At Junctions: No |
| Canopy: None                      | Canopy: None                          | End:                                |
| Surface: None                     | Surface: None                         | Subbasin: Area3                     |
| LossRate: Initial+Constant        | LossRate: Initial+Constant            | Canvas X: 6214492.668891785         |
| Percent Impervious Area: 0.0      | Percent Impervious Area: 0.0          | Canvas Y: 2204879.0546856634        |
| Initial Loss: 0                   | Initial Loss: 0                       | Label X: 0.0                        |
| Constant Loss Rate: 0.30          | Constant Loss Rate: 0.40              | Label Y: 3.0                        |
|                                   |                                       | Area: 0.502                         |
| Transform: User-Specified S-Graph | Transform: User-Specified S-Graph     | Downstream: DD                      |
| S-graph: S-Graph Foothills        | S-graph: S-Graph Foothills            | Canopy: None                        |
| Lag: 0.06                         | Lag: 0.12                             | Surface: None                       |
| Baseflow: None                    | Baseflow: None                        | LossRate: Initial+Constant          |
| Erosion: None                     | Erosion: None                         | Percent Impervious Area: 0.0        |
| End:                              | End:                                  | Initial Loss: 0                     |
| Subbasin: Area 8                  | Source: AA                            | Constant Loss Rate: 0.32            |
| Canvas X: 6213657.676999613       | Canvas X: 6216816.182424085           | Transform: User-Specified S-Graph   |
| Canvas Y: 2209902.660975226       | Canvas Y: 2205454.5867152424          | S-graph: S-Graph Foothills          |
| Area: 0.059                       | Area: 0.515                           | Lag: 0.15                           |
| Downstream: HH                    | Downstream: AA-BB                     | Baseflow: None                      |
| Canopy: None                      | Flow Gage: 2yr-3hr Detention          | Erosion: None                       |
| Surface: None                     | End:                                  | End:                                |
| LossRate: Initial+Constant        | Basin Schematic Properties:           | Subbasin: R-Area 1                  |
| Percent Impervious Area: 0.0      | Last View N:                          | Canvas X: 6218961.1941912975        |
| Initial Loss: 0                   | 2212931.163816703                     | Canvas Y: 2205778.3805321064        |
| Constant Loss Rate: 0.20          | Last View S:                          | From Canvas X: -2693.682178434916   |
| Transform: User-Specified S-Graph | 2202967.8059462775                    | From Canvas Y: -7335.98550722748    |
| S-graph: S-Graph Foothills        | Last View W:                          | Label X: -69.0                      |
| Lag: 0.04                         | 6207379.714621489                     | Label Y: 17.0                       |
| Baseflow: None                    | Last View E: 6220673.600052           | Area: 0.28                          |
| Erosion: None                     | Maximum View N:                       | Downstream: BB                      |
| End:                              | 2211442.090713685                     | Canopy: None                        |
| Subbasin: Area 6                  | Maximum View S:                       | Surface: None                       |
| Canvas X: 6213667.939864536       | 2194578.195608364                     | LossRate: Initial+Constant          |
| Canvas Y: 2208219.5511278454      | Maximum View W:                       | Percent Impervious Area: 0.0        |
| Area: 0.062                       | 6194876.123866253                     | Initial Loss: 0                     |
| Downstream: GG                    | Maximum View E:                       | Constant Loss Rate: 0.32            |
| Canopy: None                      | 6221125.1970093                       | Transform: User-Specified S-Graph   |
| Surface: None                     | Extent Method: Elements Maps          | S-graph: S-Graph Foothills          |
| LossRate: Initial+Constant        | Buffer: 0                             | Lag: 0.09                           |
| Percent Impervious Area: 0.0      | Draw Icons: Yes                       | Baseflow: None                      |
| Initial Loss: 0                   | Draw Icon Labels: Yes                 | Erosion: None                       |
| Constant Loss Rate: 0.10          | Draw Gridlines: Yes                   | End:                                |
| Transform: User-Specified S-Graph | Draw Flow Direction: Yes              | Reach: AA-BB                        |
| S-graph: S-Graph Foothills        | Fix Element Locations: No             | Canvas X: 6216618.037051792         |
| Lag: 0.07                         | Map: hec.map.dxf.DxfMap               | Canvas Y: 2205747.301606899         |
| Baseflow: None                    | Map File Name:                        | From Canvas X: 6216823.294350253    |
| Erosion: None                     | R:\06\1000\REPORTS\HYDRO\Spe          | From Canvas Y: 2205449.6785241305   |
| End:                              | cific Plan\Prop PacificClay-          | Downstream: BB                      |
| Subbasin: Area 4                  | Ridge.dxf                             | Route: Lag                          |
| Canvas X: 6213903.985757766       | Map Shown: Yes                        | Lag: 0.20                           |
| Canvas Y: 2207008.5330669247      | End:                                  | Channel Loss: None                  |
| Area: 0.308                       | <b>Basin: Pr-Temescal 1-2yr-6hr I</b> | End:                                |
|                                   | Last Modified Date: 18                | Reach: BB-CC                        |
|                                   | September 2008                        | Canvas X: 6216186.996725025         |
|                                   | Last Modified Time: 23:19:59          | Canvas Y: 2206322.02204259          |
|                                   | Version: 3.1.0                        |                                     |
|                                   | Unit System: English                  |                                     |
|                                   | Missing Flow To Zero: No              |                                     |
|                                   | Enable Flow Ratio: No                 |                                     |
|                                   | Allow Blending: No                    |                                     |

From Canvas X: 6216618.037051792  
From Canvas Y: 2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None  
End:

Reach: CC-DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X: 6216186.996725025  
From Canvas Y: 2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None  
End:

Reach: DD-EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
From Canvas X: 6215560.961964718  
From Canvas Y: 2206845.428153666  
Downstream: EE

Route: Lag  
Lag: 0.62  
Channel Loss: None  
End:

Reach: EE-FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
From Canvas X: 6214893.875744719  
From Canvas Y: 2207450.9371841266  
Downstream: FF

Route: Lag  
Lag: 0.06  
Channel Loss: None  
End:

Junction: BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
Downstream: BB-CC

End:  
Junction: CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
Downstream: CC-DD  
End:

Junction: DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
Downstream: DD-EE  
End:

Junction: EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
Downstream: EE-FF  
End:

Junction: FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335

Downstream: FF-GG  
End:  
Sink: Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
End:

Junction: HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
Downstream: HH-Temescal 1  
End:

Junction: GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
Downstream: GG-HH  
End:

Reach: FF-GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
From Canvas X:  
6214801.509960412  
From Canvas Y:  
2207676.7202124335  
Downstream: GG

Route: Lag  
Lag: 0.79  
Channel Loss: None  
End:

Reach: GG-HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
From Canvas X:  
6214319.155309028  
From Canvas Y:  
2208939.0525979693  
Downstream: HH

Route: Lag  
Lag: 0.99  
Channel Loss: None  
End:

Reach: HH-Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
From Canvas X:  
6214113.898010567  
From Canvas Y:  
2210447.6937416582  
Downstream: Temescal 1

Route: Lag  
Lag: 0.06  
Channel Loss: None  
End:

Subbasin: R-Area 2  
Canvas X: 6217629.405724835  
Canvas Y: 2207357.4704743084  
From Canvas X: -  
4025.4706448977813  
From Canvas Y: -  
5756.895565025508  
Label X: -4.0  
Label Y: 10.0  
Area: 0.177

Downstream: CC  
Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.28

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 5  
Canvas X: 6216603.119232529  
Canvas Y: 2208291.3911823067  
Area: 0.10  
Downstream: FF

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.34

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 7  
Canvas X: 6215741.038578993  
Canvas Y: 2208937.951672459  
Area: 0.12  
Downstream: GG

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.30

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None  
End:

Subbasin: Area 8  
Canvas X: 6213657.676999613  
Canvas Y: 2209902.660975226  
Area: 0.06

|                                   |                                                                   |                                   |
|-----------------------------------|-------------------------------------------------------------------|-----------------------------------|
| Downstream: HH                    | Downstream: AA-BB                                                 | Transform: User-Specified S-Graph |
| Canopy: None                      | Flow Gage: 2yr-6hr Detention                                      | S-graph: S-Graph Foothills        |
| Surface: None                     | End:                                                              | Lag: 0.15                         |
| LossRate: Initial+Constant        | Basin Schematic Properties:                                       | Baseflow: None                    |
| Percent Impervious Area: 0.0      | Last View N:                                                      | Erosion: None                     |
| Initial Loss: 0                   | 2212931.163816703                                                 | End:                              |
| Constant Loss Rate: 0.20          | Last View S:                                                      | Subbasin: R-Area 1                |
| Transform: User-Specified S-Graph | 2202967.8059462775                                                | Canvas X: 6218961.1941912975      |
| S-graph: S-Graph Foothills        | Last View W:                                                      | Canvas Y: 2205778.3805321064      |
| Lag: 0.04                         | 6207379.714621489                                                 | From Canvas X: -2693.682178434916 |
| Baseflow: None                    | Last View E: 6220673.600052                                       | From Canvas Y: -7335.98550722748  |
| Erosion: None                     | Maximum View N:                                                   | Label X: -69.0                    |
| End:                              | 2211442.090713685                                                 | Label Y: 17.0                     |
| Subbasin: Area 6                  | Maximum View S:                                                   | Area: 0.278                       |
| Canvas X: 6213667.939864536       | 2194578.195608364                                                 | Downstream: BB                    |
| Canvas Y: 2208219.5511278454      | Maximum View W:                                                   | Canopy: None                      |
| Area: 0.062                       | 6194876.123866253                                                 | Surface: None                     |
| Downstream: GG                    | Maximum View E:                                                   | LossRate: Initial+Constant        |
| Canopy: None                      | 6221125.1970093                                                   | Percent Impervious Area: 0.0      |
| Surface: None                     | Extent Method: Elements Maps                                      | Initial Loss: 0                   |
| LossRate: Initial+Constant        | Buffer: 0                                                         | Constant Loss Rate: 0             |
| Percent Impervious Area: 0.0      | Draw Icons: Yes                                                   | Transform: User-Specified S-Graph |
| Initial Loss: 0                   | Draw Icon Labels: Yes                                             | S-graph: S-Graph Foothills        |
| Constant Loss Rate: 0.10          | Draw Gridlines: Yes                                               | Lag: 0.09                         |
| Transform: User-Specified S-Graph | Draw Flow Direction: Yes                                          | Baseflow: None                    |
| S-graph: S-Graph Foothills        | Map: hec.map.dxf.DxfMap                                           | Erosion: None                     |
| Lag: 0.07                         | Map File Name:                                                    | End:                              |
| Baseflow: None                    | R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf | Reach: AA-BB                      |
| Erosion: None                     | End:                                                              | Canvas X: 6216618.037051792       |
| End:                              | <b>Basin: Pr-Temescal 1-2yr-24hr I</b>                            | Canvas Y: 2205747.301606899       |
| Subbasin: Area 4                  | Last Modified Date: 23                                            | From Canvas X: 6216823.294350253  |
| Canvas X: 6213903.985757766       | September 2008                                                    | From Canvas Y: 2205449.6785241305 |
| Canvas Y: 2207008.5330669247      | Last Modified Time: 00:20:43                                      | Downstream: BB                    |
| Area: 0.31                        | Version: 3.2                                                      | Route: Lag                        |
| Downstream: EE                    | Unit System: English                                              | Lag: 0.20                         |
| Canopy: None                      | Missing Flow To Zero: No                                          | Channel Loss: None                |
| Surface: None                     | Enable Flow Ratio: No                                             | Route Sediment: No                |
| LossRate: Initial+Constant        | Allow Blending: No                                                | End:                              |
| Percent Impervious Area: 0.0      | Compute Local Flow At                                             | Reach: BB-CC                      |
| Initial Loss: 0                   | Junctions: No                                                     | Canvas X: 6216186.996725025       |
| Constant Loss Rate: 0.40          | Sediment Grade Scale: NONE                                        | Canvas Y: 2206322.02204259        |
| Transform: User-Specified S-Graph | Enable Sediment Routing: No                                       | From Canvas X: 6216618.037051792  |
| S-graph: S-Graph Foothills        | Fall Velocity Method:                                             | From Canvas Y: 2205747.301606899  |
| Lag: 0.12                         | UNSPECIFIED                                                       | Downstream: CC                    |
| Baseflow: None                    | End:                                                              | Route: Lag                        |
| Erosion: None                     | Subbasin: Area3                                                   | Lag: 0.41                         |
| End:                              | Canvas X: 6214492.668891785                                       | Channel Loss: None                |
| Source: AA                        | Canvas Y: 2204879.0546856634                                      | Route Sediment: No                |
| Canvas X: 6216816.182424085       | Label X: 0.0                                                      | End:                              |
| Canvas Y: 2205454.5867152424      | Label Y: 3.0                                                      | Reach: CC-DD                      |
| Area: 0.515                       | Area: 0.502                                                       | Canvas X: 6215560.961964718       |
|                                   | Downstream: DD                                                    | Canvas Y: 2206845.428153666       |
|                                   | Canopy: None                                                      | From Canvas X: 6216186.996725025  |
|                                   | Surface: None                                                     | From Canvas Y: 2206322.02204259   |
|                                   | LossRate: Initial+Constant                                        | Downstream: DD                    |
|                                   | Percent Impervious Area: 0.0                                      |                                   |
|                                   | Initial Loss: 0                                                   |                                   |
|                                   | Constant Loss Rate: 0                                             |                                   |



|                                                                                                                                                                                                                             |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                            |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Route: Lag<br>Lag: 0.86<br>Channel Loss: None                                                                                                                                                                               | Canvas Y: 2210447.6937416582<br>Downstream: HH-Temescal 1<br>End:                                                                                                                                                                                                         | Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                |
| Route Sediment: No<br>End:                                                                                                                                                                                                  | Junction: GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>Downstream: GG-HH<br>End:                                                                                                                                                                  | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None                                                                                         |
| Reach: DD-EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>From Canvas X: 6215560.961964718<br>From Canvas Y: 2206845.428153666<br>Downstream: EE<br><br>Route: Lag<br>Lag: 0.62<br>Channel Loss: None  | Reach: FF-GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>From Canvas X:<br>6214801.509960412<br>From Canvas Y:<br>2207676.7202124335<br>Downstream: GG                                                                                              | Erosion: None<br>End:<br><br>Subbasin: R-Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF                                            |
| Route Sediment: No<br>End:                                                                                                                                                                                                  | Route: Lag<br>Lag: 0.79<br>Channel Loss: None                                                                                                                                                                                                                             | Canopy: None<br><br>Surface: None                                                                                                                                                          |
| Reach: EE-FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>From Canvas X: 6214893.875744719<br>From Canvas Y: 2207450.9371841266<br>Downstream: FF<br><br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None | Route Sediment: No<br>End:<br><br>Reach: GG-HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>From Canvas X:<br>6214319.155309028<br>From Canvas Y:<br>2208939.0525979693<br>Downstream: HH                                                            | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07 |
| Route Sediment: No<br>End:                                                                                                                                                                                                  | Route: Lag<br>Lag: 0.99<br>Channel Loss: None                                                                                                                                                                                                                             | Baseflow: None<br><br>Erosion: None<br>End:                                                                                                                                                |
| Junction: BB<br>Canvas X: 6216618.037051792<br>Canvas Y: 2205747.301606899<br>Downstream: BB-CC<br>End:                                                                                                                     | Route Sediment: No<br>End:<br><br>Reach: HH-Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>From Canvas X:<br>6214113.898010567<br>From Canvas Y:<br>2210447.6937416582<br>Downstream: Temescal 1                                            | Subbasin: R-Area 7<br>Canvas X: 6215741.038578993<br>Canvas Y: 2208937.951672459<br>Area: 0.124<br>Downstream: GG<br><br>Canopy: None                                                      |
| Junction: CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>Downstream: CC-DD<br>End:                                                                                                                      | Route: Lag<br>Lag: 0.06<br>Channel Loss: None                                                                                                                                                                                                                             | Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                |
| Junction: DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>Downstream: DD-EE<br>End:                                                                                                                     | Route Sediment: No<br>End:<br><br>Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -<br>4025.4706448977813<br>From Canvas Y: -<br>5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None                                                                                         |
| Junction: EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>Downstream: EE-FF<br>End:                                                                                                                    | Canopy: None                                                                                                                                                                                                                                                              | Erosion: None<br>End:                                                                                                                                                                      |
| Junction: FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>Downstream: FF-GG<br>End:                                                                                                                    |                                                                                                                                                                                                                                                                           | Subbasin: Area 8<br>Canvas X: 6213657.676999613<br>Canvas Y: 2209902.660975226<br>Area: 0.059<br>Downstream: HH                                                                            |
| Sink: Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>End:                                                                                                                                     |                                                                                                                                                                                                                                                                           | Canopy: None                                                                                                                                                                               |
| Junction: HH<br>Canvas X: 6214113.898010567                                                                                                                                                                                 |                                                                                                                                                                                                                                                                           |                                                                                                                                                                                            |

|                                   |                                                                   |                                   |
|-----------------------------------|-------------------------------------------------------------------|-----------------------------------|
| Surface: None                     | Basin Schematic Properties:                                       | Baseflow: None                    |
| LossRate: Initial+Constant        | Last View N:                                                      | Erosion: None                     |
| Percent Impervious Area: 0.0      | 2212335.5401135404                                                | End:                              |
| Initial Loss: 0                   | Last View S: 2200428.376682491                                    |                                   |
| Constant Loss Rate: 0             | Last View W:                                                      | Subbasin: R-Area 1                |
|                                   | 6207295.815725807                                                 | Canvas X: 6218961.1941912975      |
| Transform: User-Specified S-Graph | Last View E: 6220952.3728363                                      | Canvas Y: 2205778.3805321064      |
| S-graph: S-Graph Foothills        | Maximum View N:                                                   | From Canvas X: -2693.682178434916 |
| Lag: 0.04                         | 2211442.090713685                                                 | From Canvas Y: -7335.98550722748  |
|                                   | Maximum View S:                                                   | Label X: -69.0                    |
| Baseflow: None                    | 2194578.195608364                                                 | Label Y: 17.0                     |
|                                   | Maximum View W:                                                   | Area: 0.278                       |
| Erosion: None                     | 6194876.123866253                                                 | Downstream: BB                    |
| End:                              | Maximum View E:                                                   |                                   |
|                                   | 6221125.1970093                                                   | Canopy: None                      |
| Subbasin: Area 6                  | Extent Method: Elements Maps                                      |                                   |
| Canvas X: 6213667.939864536       | Buffer: 0                                                         | Surface: None                     |
| Canvas Y: 2208219.5511278454      | Draw Icons: Yes                                                   |                                   |
| Area: 0.062                       | Draw Icon Labels: Yes                                             | LossRate: Initial+Constant        |
| Downstream: GG                    | Draw Gridlines: Yes                                               | Percent Impervious Area: 0.0      |
|                                   | Draw Flow Direction: Yes                                          | Initial Loss: 0                   |
| Canopy: None                      | Fix Element Locations: No                                         | Constant Loss Rate: 0.32          |
|                                   | Map: hec.map.dxf.DxfMap                                           |                                   |
| Surface: None                     | Map File Name:                                                    | Transform: User-Specified S-Graph |
|                                   | R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf | S-graph: S-Graph Foothills        |
| LossRate: Initial+Constant        | Map Shown: Yes                                                    | Lag: 0.09                         |
| Percent Impervious Area: 0.0      | End:                                                              | Baseflow: None                    |
| Initial Loss: 0                   |                                                                   | Erosion: None                     |
| Constant Loss Rate: 0             | <b>Basin: Pr-Temescal 1-5yr-1hr I</b>                             | End:                              |
|                                   |                                                                   | Reach: AA-BB                      |
| Transform: User-Specified S-Graph | Last Modified Date: 23                                            | Canvas X: 6216618.037051792       |
| S-graph: S-Graph Foothills        | September 2008                                                    | Canvas Y: 2205747.301606899       |
| Lag: 0.07                         | Last Modified Time: 01:19:09                                      | From Canvas X: 6216823.294350253  |
|                                   | Version: 3.2                                                      | From Canvas Y: 2205449.6785241305 |
| Baseflow: None                    | Unit System: English                                              | Downstream: BB                    |
|                                   | Missing Flow To Zero: No                                          |                                   |
| Erosion: None                     | Enable Flow Ratio: No                                             | Route: Lag                        |
| End:                              | Allow Blending: No                                                | Lag: 0.20                         |
|                                   | Compute Local Flow At                                             | Channel Loss: None                |
| Subbasin: Area 4                  | Junctions: No                                                     |                                   |
| Canvas X: 6213903.985757766       |                                                                   | Route Sediment: No                |
| Canvas Y: 2207008.5330669247      | Sediment Grade Scale: NONE                                        | End:                              |
| Area: 0.308                       | Enable Sediment Routing: No                                       |                                   |
| Downstream: EE                    | Fall Velocity Method:                                             | Reach: BB-CC                      |
|                                   | UNSPECIFIED                                                       | Canvas X: 6216186.996725025       |
| Canopy: None                      | End:                                                              | Canvas Y: 2206322.02204259        |
|                                   | Subbasin: Area3                                                   | From Canvas X: 6216618.037051792  |
| Surface: None                     | Canvas X: 6214492.668891785                                       | From Canvas Y: 2205747.301606899  |
|                                   | Canvas Y: 2204879.0546856634                                      | Downstream: CC                    |
| LossRate: Initial+Constant        | Label X: 0.0                                                      |                                   |
| Percent Impervious Area: 0.0      | Label Y: 3.0                                                      | Route: Lag                        |
| Initial Loss: 0                   | Area: 0.502                                                       | Lag: 0.41                         |
| Constant Loss Rate: 0             | Downstream: DD                                                    | Channel Loss: None                |
|                                   |                                                                   |                                   |
| Transform: User-Specified S-Graph | Canopy: None                                                      | Route Sediment: No                |
| S-graph: S-Graph Foothills        | Surface: None                                                     | End:                              |
| Lag: 0.12                         |                                                                   |                                   |
| Baseflow: None                    |                                                                   | Reach: CC-DD                      |
|                                   | LossRate: Initial+Constant                                        | Canvas X: 6215560.961964718       |
| Erosion: None                     | Percent Impervious Area: 0.0                                      | Canvas Y: 2206845.428153666       |
| End:                              | Initial Loss: 0                                                   | From Canvas X: 6216186.996725025  |
|                                   | Constant Loss Rate: 0.32                                          | From Canvas Y: 2206322.02204259   |
| Source: AA                        | Transform: User-Specified S-                                      | Downstream: DD                    |
| Canvas X: 6216831.333162053       | Graph                                                             |                                   |
| Canvas Y: 2205433.312073855       | S-graph: S-Graph Foothills                                        | Route: Lag                        |
| Area: 0.515                       | Lag: 0.15                                                         | Lag: 0.86                         |
| Downstream: AA-BB                 |                                                                   | Channel Loss: None                |
|                                   |                                                                   |                                   |
| Flow Gage: 2yr-24hr Detention     |                                                                   |                                   |
| End:                              |                                                                   |                                   |

|                                   |                              |                                   |
|-----------------------------------|------------------------------|-----------------------------------|
| Route Sediment: No                | Junction: GG                 | Percent Impervious Area: 0.0      |
| End:                              | Canvas X: 6214319.155309028  | Initial Loss: 0                   |
|                                   | Canvas Y: 2208939.0525979693 | Constant Loss Rate: 0.28          |
| Reach: DD-EE                      | Downstream: GG-HH            | Transform: User-Specified S-Graph |
| Canvas X: 6214893.875744719       | End:                         | S-graph: S-Graph Foothills        |
| Canvas Y: 2207450.9371841266      |                              | Lag: 0.07                         |
| From Canvas X: 6215560.961964718  | Reach: FF-GG                 |                                   |
| From Canvas Y: 2206845.428153666  | Canvas X: 6214319.155309028  | Baseflow: None                    |
| Downstream: EE                    | Canvas Y: 2208939.0525979693 |                                   |
|                                   | From Canvas X:               | Erosion: None                     |
| Route: Lag                        | 6214801.509960412            | End:                              |
| Lag: 0.62                         | From Canvas Y:               |                                   |
| Channel Loss: None                | 2207676.7202124335           | Subbasin: R-Area 5                |
|                                   | Downstream: GG               | Canvas X: 6216603.119232529       |
| Route Sediment: No                |                              | Canvas Y: 2208291.3911823067      |
| End:                              | Route: Lag                   | Area: 0.102                       |
|                                   | Lag: 0.79                    | Downstream: FF                    |
| Reach: EE-FF                      | Channel Loss: None           |                                   |
| Canvas X: 6214801.509960412       | Route Sediment: No           | Canopy: None                      |
| Canvas Y: 2207676.7202124335      | End:                         | Surface: None                     |
| From Canvas X: 6214893.875744719  |                              |                                   |
| From Canvas Y: 2207450.9371841266 | Reach: GG-HH                 | LossRate: Initial+Constant        |
| Downstream: FF                    | Canvas X: 6214113.898010567  | Percent Impervious Area: 0.0      |
|                                   | Canvas Y: 2210447.6937416582 | Initial Loss: 0                   |
| Route: Lag                        | From Canvas X:               | Constant Loss Rate: 0.34          |
| Lag: 0.06                         | 6214319.155309028            |                                   |
| Channel Loss: None                | From Canvas Y:               | Transform: User-Specified S-Graph |
|                                   | 2208939.0525979693           | S-graph: S-Graph Foothills        |
| Route Sediment: No                | Downstream: HH               | Lag: 0.07                         |
| End:                              |                              |                                   |
|                                   | Route: Lag                   | Baseflow: None                    |
| Junction: BB                      | Lag: 0.99                    | Erosion: None                     |
| Canvas X: 6216618.037051792       | Channel Loss: None           | End:                              |
| Canvas Y: 2205747.301606899       |                              |                                   |
| Downstream: BB-CC                 | Route Sediment: No           | Subbasin: R-Area 7                |
| End:                              | End:                         | Canvas X: 6215741.038578993       |
|                                   |                              | Canvas Y: 2208937.951672459       |
| Junction: CC                      | Reach: HH-Temescal 1         | Area: 0.124                       |
| Canvas X: 6216186.996725025       | Canvas X: 6213677.654843446  | Downstream: GG                    |
| Canvas Y: 2206322.02204259        | Canvas Y: 2210893.2962837494 |                                   |
| Downstream: CC-DD                 | From Canvas X:               | Canopy: None                      |
| End:                              | 6214113.898010567            |                                   |
|                                   | From Canvas Y:               | Surface: None                     |
| Junction: DD                      | 2210447.6937416582           |                                   |
| Canvas X: 6215560.961964718       | Downstream: Temescal 1       | LossRate: Initial+Constant        |
| Canvas Y: 2206845.428153666       |                              | Percent Impervious Area: 0.0      |
| Downstream: DD-EE                 | Route: Lag                   | Initial Loss: 0                   |
| End:                              | Lag: 0.06                    | Constant Loss Rate: 0.30          |
|                                   | Channel Loss: None           |                                   |
| Junction: EE                      | Route Sediment: No           | Transform: User-Specified S-Graph |
| Canvas X: 6214893.875744719       | End:                         | S-graph: S-Graph Foothills        |
| Canvas Y: 2207450.9371841266      |                              | Lag: 0.06                         |
| Downstream: EE-FF                 |                              |                                   |
| End:                              | Subbasin: R-Area 2           | Baseflow: None                    |
|                                   | Canvas X: 6217629.405724835  |                                   |
| Junction: FF                      | Canvas Y: 2207357.4704743084 | Erosion: None                     |
| Canvas X: 6214801.509960412       | From Canvas X: -             | End:                              |
| Canvas Y: 2207676.7202124335      | 4025.4706448977813           |                                   |
| Downstream: FF-GG                 | From Canvas Y: -             | Subbasin: Area 8                  |
| End:                              | 5756.895565025508            | Canvas X: 6213657.676999613       |
|                                   | Label X: -4.0                | Canvas Y: 2209902.660975226       |
| Sink: Temescal 1                  | Label Y: 10.0                | Area: 0.059                       |
| Canvas X: 6213677.654843446       | Area: 0.176                  | Downstream: HH                    |
| Canvas Y: 2210893.2962837494      | Downstream: CC               |                                   |
| End:                              |                              | Canopy: None                      |
|                                   | Canopy: None                 | Surface: None                     |
| Junction: HH                      | Surface: None                |                                   |
| Canvas X: 6214113.898010567       |                              | LossRate: Initial+Constant        |
| Canvas Y: 2210447.6937416582      |                              |                                   |
| Downstream: HH-Temescal 1         |                              |                                   |
| End:                              | LossRate: Initial+Constant   |                                   |

Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None  
End:

Subbasin: Area 6  
Canvas X: 6213667.939864536  
Canvas Y: 2208219.5511278454  
Area: 0.062  
Downstream: GG

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.10

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Area 4  
Canvas X: 6213903.985757766  
Canvas Y: 2207008.5330669247  
Area: 0.308  
Downstream: EE

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.40

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.12

Baseflow: None

Erosion: None  
End:

Source: AA  
Canvas X: 6216816.182424085  
Canvas Y: 2205454.5867152424  
Area: 0.515  
Downstream: AA-BB

Flow Gage: 5yr-1hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2212931.163816703

Last View S:  
2202967.8059462775  
Last View W:  
6207379.714621489  
Last View E: 6220673.600052  
Maximum View N:  
2211442.090713685  
Maximum View S:  
2194578.195608364  
Maximum View W:  
6194876.123866253  
Maximum View E:  
6221125.1970093

Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Spec  
ific Plan\Prop PacificClay-  
Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Pr-Temescal 1-5yr-3hr I

Last Modified Date: 23  
September 2008  
Last Modified Time: 01:20:46  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: Area3  
Canvas X: 6214492.668891785  
Canvas Y: 2204879.0546856634  
Label X: 0.0  
Label Y: 3.0  
Area: 0.502  
Downstream: DD

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.32

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.15

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 1  
Canvas X: 6218961.1941912975  
Canvas Y: 2205778.3805321064  
From Canvas X: -2693.682178434916  
From Canvas Y: -7335.98550722748  
Label X: -69.0  
Label Y: 17.0  
Area: 0.278  
Downstream: BB

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.32

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: AA-BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
From Canvas X: 6216823.294350253  
From Canvas Y: 2205449.6785241305  
Downstream: BB

Route: Lag  
Lag: 0.20  
Channel Loss: None

Route Sediment: No  
End:

Reach: BB-CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
From Canvas X: 6216618.037051792  
From Canvas Y: 2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None

Route Sediment: No  
End:

Reach: CC-DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X: 6216186.996725025  
From Canvas Y: 2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None

Route Sediment: No  
End:

|                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Reach: DD-EE<br/> Canvas X: 6214893.875744719<br/> Canvas Y: 2207450.9371841266<br/> From Canvas X: 6215560.961964718<br/> From Canvas Y: 2206845.428153666<br/> Downstream: EE</p> <p>Route: Lag<br/> Lag: 0.62<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>  | <p>Canvas Y: 2208939.0525979693<br/> Downstream: GG-HH<br/> End:</p> <p>Reach: FF-GG<br/> Canvas X: 6214319.155309028<br/> Canvas Y: 2208939.0525979693<br/> From Canvas X:<br/> 6214801.509960412<br/> From Canvas Y:<br/> 2207676.7202124335<br/> Downstream: GG</p> <p>Route: Lag<br/> Lag: 0.79<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p> | <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.07</p> <p>Baseflow: None</p> <p>Erosion: None<br/> End:</p> <p>Subbasin: R-Area 5<br/> Canvas X: 6216603.119232529<br/> Canvas Y: 2208291.3911823067<br/> Area: 0.102<br/> Downstream: FF</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.34</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.07</p> <p>Baseflow: None</p> <p>Erosion: None<br/> End:</p> |
| <p>Reach: EE-FF<br/> Canvas X: 6214801.509960412<br/> Canvas Y: 2207676.7202124335<br/> From Canvas X: 6214893.875744719<br/> From Canvas Y: 2207450.9371841266<br/> Downstream: FF</p> <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p> | <p>Reach: GG-HH<br/> Canvas X: 6214113.898010567<br/> Canvas Y: 2210447.6937416582<br/> From Canvas X:<br/> 6214319.155309028<br/> From Canvas Y:<br/> 2208939.0525979693<br/> Downstream: HH</p> <p>Route: Lag<br/> Lag: 0.99<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                      | <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.34</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.07</p> <p>Baseflow: None</p> <p>Erosion: None<br/> End:</p>                                                                                                                                                                                                                                                                                                                         |
| <p>Junction: BB<br/> Canvas X: 6216618.037051792<br/> Canvas Y: 2205747.301606899<br/> Downstream: BB-CC<br/> End:</p>                                                                                                                                                               | <p>Route: Lag<br/> Lag: 0.99<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: R-Area 7<br/> Canvas X: 6215741.038578993<br/> Canvas Y: 2208937.951672459<br/> Area: 0.124<br/> Downstream: GG</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.30</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.06</p> <p>Baseflow: None</p> <p>Erosion: None<br/> End:</p>                                                                                                                                               |
| <p>Junction: CC<br/> Canvas X: 6216186.996725025<br/> Canvas Y: 2206322.02204259<br/> Downstream: CC-DD<br/> End:</p>                                                                                                                                                                | <p>Reach: HH-Temescal 1<br/> Canvas X: 6213677.654843446<br/> Canvas Y: 2210893.2962837494<br/> From Canvas X:<br/> 6214113.898010567<br/> From Canvas Y:<br/> 2210447.6937416582<br/> Downstream: Temescal 1</p> <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                      | <p>Subbasin: R-Area 2<br/> Canvas X: 6217629.405724835<br/> Canvas Y: 2207357.4704743084<br/> From Canvas X: -<br/> 4025.4706448977813<br/> From Canvas Y: -<br/> 5756.895565025508<br/> Label X: -4.0<br/> Label Y: 10.0<br/> Area: 0.176<br/> Downstream: CC</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.28</p>                                                                                                                                                          |
| <p>Junction: DD<br/> Canvas X: 6215560.961964718<br/> Canvas Y: 2206845.428153666<br/> Downstream: DD-EE<br/> End:</p>                                                                                                                                                               | <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: Area 8<br/> Canvas X: 6213657.676999613<br/> Canvas Y: 2209902.660975226<br/> Area: 0.059<br/> Downstream: HH</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.20</p>                                                                                                                                                                                                                                                                                              |
| <p>Junction: EE<br/> Canvas X: 6214893.875744719<br/> Canvas Y: 2207450.9371841266<br/> Downstream: EE-FF<br/> End:</p>                                                                                                                                                              | <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: R-Area 7<br/> Canvas X: 6215741.038578993<br/> Canvas Y: 2208937.951672459<br/> Area: 0.124<br/> Downstream: GG</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.30</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.06</p> <p>Baseflow: None</p> <p>Erosion: None<br/> End:</p>                                                                                                                                               |
| <p>Junction: FF<br/> Canvas X: 6214801.509960412<br/> Canvas Y: 2207676.7202124335<br/> Downstream: FF-GG<br/> End:</p>                                                                                                                                                              | <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: R-Area 7<br/> Canvas X: 6215741.038578993<br/> Canvas Y: 2208937.951672459<br/> Area: 0.124<br/> Downstream: GG</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.30</p> <p>Transform: User-Specified S-Graph<br/> S-graph: S-Graph Foothills<br/> Lag: 0.06</p> <p>Baseflow: None</p> <p>Erosion: None<br/> End:</p>                                                                                                                                               |
| <p>Sink: Temescal 1<br/> Canvas X: 6213677.654843446<br/> Canvas Y: 2210893.2962837494<br/> End:</p>                                                                                                                                                                                 | <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: R-Area 2<br/> Canvas X: 6217629.405724835<br/> Canvas Y: 2207357.4704743084<br/> From Canvas X: -<br/> 4025.4706448977813<br/> From Canvas Y: -<br/> 5756.895565025508<br/> Label X: -4.0<br/> Label Y: 10.0<br/> Area: 0.176<br/> Downstream: CC</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.28</p>                                                                                                                                                          |
| <p>Junction: HH<br/> Canvas X: 6214113.898010567<br/> Canvas Y: 2210447.6937416582<br/> Downstream: HH-Temescal 1<br/> End:</p>                                                                                                                                                      | <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: R-Area 2<br/> Canvas X: 6217629.405724835<br/> Canvas Y: 2207357.4704743084<br/> From Canvas X: -<br/> 4025.4706448977813<br/> From Canvas Y: -<br/> 5756.895565025508<br/> Label X: -4.0<br/> Label Y: 10.0<br/> Area: 0.176<br/> Downstream: CC</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.28</p>                                                                                                                                                          |
| <p>Junction: GG<br/> Canvas X: 6214319.155309028</p>                                                                                                                                                                                                                                 | <p>Route: Lag<br/> Lag: 0.06<br/> Channel Loss: None</p> <p>Route Sediment: No<br/> End:</p>                                                                                                                                                                                                                                                                        | <p>Subbasin: R-Area 2<br/> Canvas X: 6217629.405724835<br/> Canvas Y: 2207357.4704743084<br/> From Canvas X: -<br/> 4025.4706448977813<br/> From Canvas Y: -<br/> 5756.895565025508<br/> Label X: -4.0<br/> Label Y: 10.0<br/> Area: 0.176<br/> Downstream: CC</p> <p>Canopy: None</p> <p>Surface: None</p> <p>LossRate: Initial+Constant<br/> Percent Impervious Area: 0.0<br/> Initial Loss: 0<br/> Constant Loss Rate: 0.28</p>                                                                                                                                                          |

|                                   |                                                                   |                                   |
|-----------------------------------|-------------------------------------------------------------------|-----------------------------------|
| Transform: User-Specified S-Graph | Maximum View N:                                                   | Canvas Y: 2205778.3805321064      |
| S-graph: S-Graph Foothills        | 2211442.090713685                                                 | From Canvas X: -2693.682178434916 |
| Lag: 0.04                         | Maximum View S:                                                   | From Canvas Y: -7335.98550722748  |
|                                   | 2194578.195608364                                                 | Label X: -69.0                    |
| Baseflow: None                    | Maximum View W:                                                   | Label Y: 17.0                     |
|                                   | 6194876.123866253                                                 | Area: 0.278                       |
| Erosion: None                     | Maximum View E:                                                   | Downstream: BB                    |
| End:                              | 6221125.1970093                                                   |                                   |
|                                   | Extent Method: Elements Maps                                      | Canopy: None                      |
| Subbasin: Area 6                  | Buffer: 0                                                         | Surface: None                     |
| Canvas X: 6213667.939864536       | Draw Icons: Yes                                                   |                                   |
| Canvas Y: 2208219.5511278454      | Draw Icon Labels: Yes                                             | LossRate: Initial+Constant        |
| Area: 0.062                       | Draw Gridlines: Yes                                               | Percent Impervious Area: 0.0      |
| Downstream: GG                    | Draw Flow Direction: Yes                                          | Initial Loss: 0                   |
|                                   | Fix Element Locations: No                                         | Constant Loss Rate: 0.32          |
| Canopy: None                      | Map: hec.map.dxf.DxfMap                                           |                                   |
|                                   | Map File Name:                                                    | Transform: User-Specified S-Graph |
| Surface: None                     | R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf | S-graph: S-Graph Foothills        |
| LossRate: Initial+Constant        | Map Shown: Yes                                                    | Lag: 0.09                         |
| Percent Impervious Area: 0.0      | End:                                                              | Baseflow: None                    |
| Initial Loss: 0                   |                                                                   | Erosion: None                     |
| Constant Loss Rate: 0.10          | <b>Basin: Pr-Temescal 1-5yr-6hr I</b>                             | End:                              |
|                                   |                                                                   | Reach: AA-BB                      |
| Transform: User-Specified S-Graph | Last Modified Date: 23                                            | Canvas X: 6216618.037051792       |
| S-graph: S-Graph Foothills        | September 2008                                                    | Canvas Y: 2205747.301606899       |
| Lag: 0.07                         | Last Modified Time: 01:21:42                                      | From Canvas X: 6216823.294350253  |
|                                   | Version: 3.2                                                      | From Canvas Y: 2205449.6785241305 |
| Baseflow: None                    | Unit System: English                                              | Downstream: BB                    |
|                                   | Missing Flow To Zero: No                                          |                                   |
| Erosion: None                     | Enable Flow Ratio: No                                             | Route: Lag                        |
| End:                              | Allow Blending: No                                                | Lag: 0.20                         |
| Subbasin: Area 4                  | Compute Local Flow At                                             | Channel Loss: None                |
| Canvas X: 6213903.985757766       | Junctions: No                                                     |                                   |
| Canvas Y: 2207008.5330669247      |                                                                   | Route Sediment: No                |
| Area: 0.308                       | Sediment Grade Scale: NONE                                        | End:                              |
| Downstream: EE                    | Enable Sediment Routing: No                                       | Reach: BB-CC                      |
|                                   | Fall Velocity Method:                                             | Canvas X: 6216186.996725025       |
| Canopy: None                      | UNSPECIFIED                                                       | Canvas Y: 2206322.02204259        |
|                                   | End:                                                              | From Canvas X: 6216618.037051792  |
| Surface: None                     | Subbasin: Area3                                                   | From Canvas Y: 2205747.301606899  |
| LossRate: Initial+Constant        | Canvas X: 6214492.668891785                                       | Downstream: CC                    |
| Percent Impervious Area: 0.0      | Canvas Y: 2204879.0546856634                                      |                                   |
| Initial Loss: 0                   | Label X: 0.0                                                      | Route: Lag                        |
| Constant Loss Rate: 0.40          | Label Y: 3.0                                                      | Lag: 0.41                         |
|                                   | Area: 0.502                                                       | Channel Loss: None                |
| Transform: User-Specified S-Graph | Downstream: DD                                                    |                                   |
| S-graph: S-Graph Foothills        |                                                                   | Route Sediment: No                |
| Lag: 0.12                         | Canopy: None                                                      | End:                              |
|                                   | Surface: None                                                     | Reach: CC-DD                      |
| Baseflow: None                    |                                                                   | Canvas X: 6215560.961964718       |
|                                   | LossRate: Initial+Constant                                        | Canvas Y: 2206845.428153666       |
| Erosion: None                     | Percent Impervious Area: 0.0                                      | From Canvas X: 6216186.996725025  |
| End:                              | Initial Loss: 0                                                   | From Canvas Y: 2206322.02204259   |
| Source: AA                        | Constant Loss Rate: 0.32                                          | Downstream: DD                    |
| Canvas X: 6216816.182424085       |                                                                   |                                   |
| Canvas Y: 2205454.5867152424      | Transform: User-Specified S-                                      | Route: Lag                        |
| Area: 0.515                       | Graph                                                             | Lag: 0.86                         |
| Downstream: AA-BB                 | S-graph: S-Graph Foothills                                        | Channel Loss: None                |
|                                   | Lag: 0.15                                                         |                                   |
| Flow Gage: 5yr-3hr Detention      | Baseflow: None                                                    | Route Sediment: No                |
| End:                              |                                                                   | End:                              |
| Basin Schematic Properties:       | Erosion: None                                                     | Reach: DD-EE                      |
| Last View N: 2212384.8121406846   | End:                                                              | Canvas X: 6214893.875744719       |
| Last View S: 2200873.590695893    |                                                                   | Canvas Y: 2207450.9371841266      |
| Last View W: 6206736.17020331     | Subbasin: R-Area 1                                                | From Canvas X: 6215560.961964718  |
| Last View E: 6220776.372117033    | Canvas X: 6218961.1941912975                                      |                                   |

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| From Canvas Y: 2206845.428153666<br>Downstream: EE                                                                                                                                                                                                            | Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>From Canvas X:<br>6214801.509960412<br>From Canvas Y:<br>2207676.7202124335<br>Downstream: GG                                                                                                                        | Baseflow: None<br><br>Erosion: None<br>End:                                                                                                                                                                                                      |
| Route: Lag<br>Lag: 0.62<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                                                                                               | Route: Lag<br>Lag: 0.79<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                                                                                                                     | Subbasin: R-Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None                                                                                      |
| Reach: EE-FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>From Canvas X: 6214893.875744719<br>From Canvas Y: 2207450.9371841266<br>Downstream: FF<br><br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None<br><br>Route Sediment: No<br>End: | Reach: GG-HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>From Canvas X:<br>6214319.155309028<br>From Canvas Y:<br>2208939.0525979693<br>Downstream: HH<br><br>Route: Lag<br>Lag: 0.99<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                 | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.34<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Junction: BB<br>Canvas X: 6216618.037051792<br>Canvas Y: 2205747.301606899<br>Downstream: BB-CC<br>End:                                                                                                                                                       |                                                                                                                                                                                                                                                                                     | Subbasin: R-Area 7<br>Canvas X: 6215741.038578993<br>Canvas Y: 2208937.951672459<br>Area: 0.124<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None                                                                                       |
| Junction: CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>Downstream: CC-DD<br>End:                                                                                                                                                        | Reach: HH-Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>From Canvas X:<br>6214113.898010567<br>From Canvas Y:<br>2210447.6937416582<br>Downstream: Temescal 1<br><br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None<br><br>Route Sediment: No<br>End: | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.30<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Junction: DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>Downstream: DD-EE<br>End:                                                                                                                                                       |                                                                                                                                                                                                                                                                                     | Subbasin: Area 8<br>Canvas X: 6213657.676999613<br>Canvas Y: 2209902.660975226<br>Area: 0.059<br>Downstream: HH<br><br>Canopy: None<br><br>Surface: None                                                                                         |
| Junction: EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>Downstream: EE-FF<br>End:                                                                                                                                                      | Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -<br>4025.4706448977813<br>From Canvas Y: -<br>5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC<br><br>Canopy: None<br><br>Surface: None    | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.28<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07                                                    |
| Junction: FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>Downstream: FF-GG<br>End:                                                                                                                                                      |                                                                                                                                                                                                                                                                                     | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.04                                                    |
| Sink: Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>End:                                                                                                                                                                       |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |
| Junction: HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>Downstream: HH-Temescal 1<br>End:                                                                                                                                              |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |
| Junction: GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>Downstream: GG-HH<br>End:                                                                                                                                                      |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |
| Reach: FF-GG                                                                                                                                                                                                                                                  |                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                  |

|                                   |                                                                   |                                   |
|-----------------------------------|-------------------------------------------------------------------|-----------------------------------|
| Baseflow: None                    | Extent Method: Elements Maps                                      | Downstream: BB                    |
| Erosion: None                     | Buffer: 0                                                         | Canopy: None                      |
| End:                              | Draw Icons: Yes                                                   | Surface: None                     |
| Subbasin: Area 6                  | Draw Icon Labels: Yes                                             | LossRate: Initial+Constant        |
| Canvas X: 6213667.939864536       | Draw Gridlines: Yes                                               | Percent Impervious Area: 0.0      |
| Canvas Y: 2208219.5511278454      | Draw Flow Direction: Yes                                          | Initial Loss: 0                   |
| Area: 0.062                       | Fix Element Locations: No                                         | Constant Loss Rate: 0             |
| Downstream: GG                    | Map: hec.map.dxf.DxfMap                                           | Transform: User-Specified S-Graph |
| Canopy: None                      | Map File Name:                                                    | S-graph: S-Graph Foothills        |
| Surface: None                     | R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf | Lag: 0.09                         |
| LossRate: Initial+Constant        | Map Shown: Yes                                                    | Baseflow: None                    |
| Percent Impervious Area: 0.0      | End:                                                              | Erosion: None                     |
| Initial Loss: 0                   | <b>Basin: Pr-Temescal 1-5yr-24hr I</b>                            | End:                              |
| Constant Loss Rate: 0.10          | Last Modified Date: 23                                            | Reach: AA-BB                      |
| Transform: User-Specified S-Graph | September 2008                                                    | Canvas X: 6216618.037051792       |
| S-graph: S-Graph Foothills        | Last Modified Time: 01:20:03                                      | Canvas Y: 2205747.301606899       |
| Lag: 0.07                         | Version: 3.2                                                      | From Canvas X: 6216823.294350253  |
| Baseflow: None                    | Unit System: English                                              | From Canvas Y: 2205449.6785241305 |
| Erosion: None                     | Missing Flow To Zero: No                                          | Downstream: BB                    |
| End:                              | Enable Flow Ratio: No                                             | Route: Lag                        |
| Subbasin: Area 4                  | Allow Blending: No                                                | Lag: 0.20                         |
| Canvas X: 6213903.985757766       | Compute Local Flow At                                             | Channel Loss: None                |
| Canvas Y: 2207008.5330669247      | Junctions: No                                                     | Route Sediment: No                |
| Area: 0.308                       | Sediment Grade Scale: NONE                                        | End:                              |
| Downstream: EE                    | Enable Sediment Routing: No                                       | Reach: BB-CC                      |
| Canopy: None                      | Fall Velocity Method:                                             | Canvas X: 6216186.996725025       |
| Surface: None                     | UNSPECIFIED                                                       | Canvas Y: 2206322.02204259        |
| LossRate: Initial+Constant        | End:                                                              | From Canvas X: 6216618.037051792  |
| Percent Impervious Area: 0.0      | Subbasin: Area3                                                   | From Canvas Y: 2205747.301606899  |
| Initial Loss: 0                   | Canvas X: 6214492.668891785                                       | Downstream: CC                    |
| Constant Loss Rate: 0.40          | Canvas Y: 2204879.0546856634                                      | Route: Lag                        |
| Transform: User-Specified S-Graph | Label X: 0.0                                                      | Lag: 0.41                         |
| S-graph: S-Graph Foothills        | Label Y: 3.0                                                      | Channel Loss: None                |
| Lag: 0.12                         | Area: 0.502                                                       | Route Sediment: No                |
| Baseflow: None                    | Downstream: DD                                                    | End:                              |
| Erosion: None                     | Canopy: None                                                      | Reach: CC-DD                      |
| End:                              | Surface: None                                                     | Canvas X: 6215560.961964718       |
| Source: AA                        | LossRate: Initial+Constant                                        | Canvas Y: 2206845.428153666       |
| Canvas X: 6216816.182424085       | Percent Impervious Area: 0.0                                      | From Canvas X: 6216186.996725025  |
| Canvas Y: 2205454.5867152424      | Initial Loss: 0                                                   | From Canvas Y: 2206322.02204259   |
| Area: 0.515                       | Constant Loss Rate: 0                                             | Downstream: DD                    |
| Downstream: AA-BB                 | Transform: User-Specified S-Graph                                 | Route: Lag                        |
| Flow Gage: 5yr-6hr Detention      | S-graph: S-Graph Foothills                                        | Lag: 0.86                         |
| End:                              | Lag: 0.15                                                         | Channel Loss: None                |
| Basin Schematic Properties:       | Baseflow: None                                                    | Route Sediment: No                |
| Last View N: 2212931.163816703    | Erosion: None                                                     | End:                              |
| Last View S: 2202967.8059462775   | End:                                                              | Reach: DD-EE                      |
| Last View W: 6207379.714621489    | Subbasin: R-Area 1                                                | Canvas X: 6214893.875744719       |
| Last View E: 6220673.600052       | Canvas X: 6218961.1941912975                                      | Canvas Y: 2207450.9371841266      |
| Maximum View N: 2211442.090713685 | Canvas Y: 2205778.3805321064                                      | From Canvas X: 6215560.961964718  |
| Maximum View S: 2194578.195608364 | From Canvas X: -                                                  | From Canvas Y: 2206845.428153666  |
| Maximum View W: 6194876.123866253 | 2693.682178434916                                                 | Downstream: EE                    |
| Maximum View E: 6221125.1970093   | From Canvas Y: -                                                  | Route: Lag                        |
|                                   | 7335.98550722748                                                  | Lag: 0.62                         |
|                                   | Label X: -69.0                                                    | Channel Loss: None                |
|                                   | Label Y: 17.0                                                     |                                   |
|                                   | Area: 0.278                                                       |                                   |



|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
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| Route Sediment: No<br>End:                                                                                                                                                                                                                                    | Route: Lag<br>Lag: 0.79<br>Channel Loss: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF                                                                                                                                                                                                                                                                                                                                                   |
| Reach: EE-FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>From Canvas X: 6214893.875744719<br>From Canvas Y: 2207450.9371841266<br>Downstream: FF<br><br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None<br><br>Route Sediment: No<br>End: | Route Sediment: No<br>End:<br><br>Reach: GG-HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>From Canvas X:<br>6214319.155309028<br>From Canvas Y:<br>2208939.0525979693<br>Downstream: HH<br><br>Route: Lag<br>Lag: 0.99<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                                                                                                                                                 | Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End:                                                                                                                          |
| Junction: BB<br>Canvas X: 6216618.037051792<br>Canvas Y: 2205747.301606899<br>Downstream: BB-CC<br>End:                                                                                                                                                       | Reach: HH-Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>From Canvas X:<br>6214113.898010567<br>From Canvas Y:<br>2210447.6937416582<br>Downstream: Temescal 1<br><br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                                                                                                                                                                   | Subbasin: R-Area 7<br>Canvas X: 6215741.038578993<br>Canvas Y: 2208937.951672459<br>Area: 0.124<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Junction: CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>Downstream: CC-DD<br>End:                                                                                                                                                        | Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -<br>4025.4706448977813<br>From Canvas Y: -<br>5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: | Subbasin: Area 8<br>Canvas X: 6213657.676999613<br>Canvas Y: 2209902.660975226<br>Area: 0.059<br>Downstream: HH<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.04<br><br>Baseflow: None<br><br>Erosion: None<br>End:   |
| Junction: DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>Downstream: DD-EE<br>End:                                                                                                                                                       | Subbasin: R-Area 5<br>Canvas X: 6216603.119232529                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | Subbasin: Area 6<br>Canvas X: 6213667.939864536                                                                                                                                                                                                                                                                                                                                                                 |
| Junction: EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>Downstream: EE-FF<br>End:                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Junction: FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>Downstream: FF-GG<br>End:                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Sink: Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>End:                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Junction: HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>Downstream: HH-Temescal 1<br>End:                                                                                                                                              |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Junction: GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>Downstream: GG-HH<br>End:                                                                                                                                                      |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Reach: FF-GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>From Canvas X: 6214801.509960412<br>From Canvas Y: 2207676.7202124335<br>Downstream: GG                                                                                        |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                                                                                                                                                                                                                                                                                                                                                                                 |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                         |                                                                                                                                                                                        |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Canvas Y: 2208219.5511278454<br>Area: 0.062<br>Downstream: GG                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Map File Name:<br>R:\06\1000\REPORTS\HYDRO\Specific Plan\Prop PacificClay-Ridge.dxf<br>Map Shown: Yes<br>End:                                                                                                                           | Constant Loss Rate: 0.19<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.09                                                                           |
| Canopy: None<br><br>Surface: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>Basin: Pr-Temescal 1-10yr-1hr II</b>                                                                                                                                                                                                 | Baseflow: None                                                                                                                                                                         |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                                                                                                                                                                                                                                                                                                                                                                   | Last Modified Date: 23<br>September 2008<br>Last Modified Time: 00:12:59<br>Version: 3.2<br>Unit System: English<br>Missing Flow To Zero: No<br>Enable Flow Ratio: No<br>Allow Blending: No<br>Compute Local Flow At<br>Junctions: No   | Erosion: None<br>End:                                                                                                                                                                  |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                         | Reach: AA-BB<br>Canvas X: 6216618.037051792<br>Canvas Y: 2205747.301606899<br>From Canvas X: 6216820.60132102<br>From Canvas Y: 2205361.3594750483<br>Downstream: BB                   |
| Baseflow: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                         | Route: Lag<br>Lag: 0.20<br>Channel Loss: None                                                                                                                                          |
| Erosion: None<br>End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Sediment Grade Scale: NONE<br>Enable Sediment Routing: No<br>Fall Velocity Method:<br>UNSPECIFIED<br>End:                                                                                                                               | Route Sediment: No<br>End:                                                                                                                                                             |
| Subbasin: Area 4<br>Canvas X: 6213903.985757766<br>Canvas Y: 2207008.5330669247<br>Area: 0.308<br>Downstream: EE                                                                                                                                                                                                                                                                                                                                                                                                         | Subbasin: Area 3<br>Canvas X: 6214492.668891785<br>Canvas Y: 2204879.0546856634<br>Label X: 0.0<br>Label Y: 3.0<br>Area: 0.502<br>Downstream: DD                                                                                        | Reach: BB-CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>From Canvas X: 6216618.037051792<br>From Canvas Y: 2205747.301606899<br>Downstream: CC                    |
| Canopy: None<br><br>Surface: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | Canopy: None                                                                                                                                                                                                                            | Route: Lag<br>Lag: 0.41<br>Channel Loss: None                                                                                                                                          |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface: None                                                                                                                                                                                                                           | Route Sediment: No<br>End:                                                                                                                                                             |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.12                                                                                                                                                                                                                                                                                                                                                                                                                                             | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.22                                                                                                                               | Reach: CC-DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>From Canvas X: 6216186.996725025<br>From Canvas Y: 2206322.02204259<br>Downstream: DD                    |
| Baseflow: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.15                                                                                                                                                            | Route: Lag<br>Lag: 0.86<br>Channel Loss: None                                                                                                                                          |
| Erosion: None<br>End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Baseflow: None                                                                                                                                                                                                                          | Route Sediment: No<br>End:                                                                                                                                                             |
| Source: AA<br>Canvas X: 6216831.333162053<br>Canvas Y: 2205433.312073855<br>Area: 0.515<br>Downstream: AA-BB                                                                                                                                                                                                                                                                                                                                                                                                             | Erosion: None<br>End:                                                                                                                                                                                                                   | Reach: DD-EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>From Canvas X: 6215560.961964718<br>From Canvas Y: 2206845.428153666<br>Downstream: EE                  |
| Flow Gage: 5yr-24hr Detention<br>End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | Subbasin: R-Area 1<br>Canvas X: 6218961.1941912975<br>Canvas Y: 2205778.3805321064<br>From Canvas X: -<br>2693.682178434916<br>From Canvas Y: -<br>7335.98550722748<br>Label X: -69.0<br>Label Y: 17.0<br>Area: 0.278<br>Downstream: BB | Route: Lag<br>Lag: 0.62<br>Channel Loss: None                                                                                                                                          |
| Basin Schematic Properties:<br>Last View N: 2212335.5401135404<br>Last View S: 2200428.376682491<br>Last View W: 6207295.815725807<br>Last View E: 6220952.3728363<br>Maximum View N: 2211442.090713685<br>Maximum View S: 2194578.195608364<br>Maximum View W: 6194876.123866253<br>Maximum View E: 6221125.1970093<br>Extent Method: Elements Maps<br>Buffer: 0<br>Draw Icons: Yes<br>Draw Icon Labels: Yes<br>Draw Gridlines: Yes<br>Draw Flow Direction: Yes<br>Fix Element Locations: No<br>Map: hec.map.dxf.DxfMap | Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0                                                                                                                  | Route Sediment: No<br>End:<br><br>Reach: EE-FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>From Canvas X: 6214893.875744719<br>From Canvas Y: 2207450.9371841266 |

|                                   |                              |                                   |
|-----------------------------------|------------------------------|-----------------------------------|
| Downstream: FF                    | Reach: GG-HH                 | LossRate: Initial+Constant        |
| Route: Lag                        | Canvas X: 6214113.898010567  | Percent Impervious Area: 0.0      |
| Lag: 0.06                         | Canvas Y: 2210447.6937416582 | Initial Loss: 0                   |
| Channel Loss: None                | From Canvas X:               | Constant Loss Rate: 0.20          |
|                                   | 6214319.155309028            |                                   |
| Route Sediment: No                | From Canvas Y:               |                                   |
| End:                              | 2208939.0525979693           | Transform: User-Specified S-Graph |
|                                   | Downstream: HH               | S-graph: S-Graph Foothills        |
|                                   |                              | Lag: 0.07                         |
| Junction: BB                      | Route: Lag                   | Baseflow: None                    |
| Canvas X: 6216618.037051792       | Lag: 0.99                    |                                   |
| Canvas Y: 2205747.301606899       | Channel Loss: None           | Erosion: None                     |
| Downstream: BB-CC                 |                              | End:                              |
| End:                              | Route Sediment: No           |                                   |
|                                   | End:                         | Subbasin: R-Area 7                |
| Junction: CC                      | Reach: HH-Temescal 1         | Canvas X: 6215741.038578993       |
| Canvas X: 6216186.996725025       | Canvas X: 6213677.654843446  | Canvas Y: 2208937.951672459       |
| Canvas Y: 2206322.02204259        | Canvas Y: 2210893.2962837494 | Area: 0.124                       |
| Downstream: CC-DD                 | From Canvas X:               | Downstream: GG                    |
| End:                              | 6214113.898010567            |                                   |
|                                   | From Canvas Y:               | Canopy: None                      |
| Junction: DD                      | 2210447.6937416582           | Surface: None                     |
| Canvas X: 6215560.961964718       | Downstream: Temescal 1       |                                   |
| Canvas Y: 2206845.428153666       |                              | LossRate: Initial+Constant        |
| Downstream: DD-EE                 | Route: Lag                   | Percent Impervious Area: 0.0      |
| End:                              | Lag: 0.06                    | Initial Loss: 0                   |
|                                   | Channel Loss: None           | Constant Loss Rate: 0.19          |
| Junction: EE                      | Route Sediment: No           | Transform: User-Specified S-Graph |
| Canvas X: 6214893.875744719       | End:                         | S-graph: S-Graph Foothills        |
| Canvas Y: 2207450.9371841266      |                              | Lag: 0.06                         |
| Downstream: EE-FF                 |                              | Baseflow: None                    |
| End:                              | Subbasin: R-Area 2           | Erosion: None                     |
|                                   | Canvas X: 6217629.405724835  | End:                              |
| Junction: FF                      | Canvas Y: 2207357.4704743084 |                                   |
| Canvas X: 6214801.509960412       | From Canvas X: -             | Subbasin: Area 8                  |
| Canvas Y: 2207676.7202124335      | 4025.4706448977813           | Canvas X: 6213657.676999613       |
| Downstream: FF-GG                 | From Canvas Y: -             | Canvas Y: 2209902.660975226       |
| End:                              | 5756.895565025508            | Area: 0.059                       |
|                                   | Label X: -4.0                | Downstream: HH                    |
| Sink: Temescal 1                  | Label Y: 10.0                | Canopy: None                      |
| Canvas X: 6213677.654843446       | Area: 0.176                  | Surface: None                     |
| Canvas Y: 2210893.2962837494      | Downstream: CC               | LossRate: Initial+Constant        |
| Label X: 1.0                      |                              | Percent Impervious Area: 0.0      |
| Label Y: 0.0                      | Canopy: None                 | Initial Loss: 0                   |
| End:                              | Surface: None                | Constant Loss Rate: 0.16          |
|                                   | LossRate: Initial+Constant   | Transform: User-Specified S-Graph |
| Junction: HH                      | Percent Impervious Area: 0.0 | S-graph: S-Graph Foothills        |
| Canvas X: 6214113.898010567       | Initial Loss: 0              | Lag: 0.04                         |
| Canvas Y: 2210447.6937416582      | Constant Loss Rate: 0.17     | Baseflow: None                    |
| Downstream: HH-Temescal 1         | Transform: User-Specified S- | Erosion: None                     |
| End:                              | Graph                        | End:                              |
|                                   | S-graph: S-Graph Foothills   |                                   |
| Junction: GG                      | Lag: 0.07                    | Subbasin: Area 6                  |
| Canvas X: 6214319.155309028       | Baseflow: None               | Canvas X: 6213667.939864536       |
| Canvas Y: 2208939.0525979693      | Erosion: None                | Canvas Y: 2208219.5511278454      |
| Downstream: GG-HH                 | End:                         | Area: 0.062                       |
| End:                              |                              | Downstream: GG                    |
|                                   | Subbasin: R-Area 5           | Canopy: None                      |
| Reach: FF-GG                      | Canvas X: 6216603.119232529  | Surface: None                     |
| Canvas X: 6214319.155309028       | Canvas Y: 2208291.3911823067 |                                   |
| Canvas Y: 2208939.0525979693      | Area: 0.102                  |                                   |
| From Canvas X: 6214801.509960412  | Downstream: FF               |                                   |
| From Canvas Y: 2207676.7202124335 |                              |                                   |
| Downstream: GG                    | Canopy: None                 |                                   |
|                                   | Surface: None                |                                   |
| Route: Lag                        |                              |                                   |
| Lag: 0.79                         |                              |                                   |
| Channel Loss: None                |                              |                                   |
| Route Sediment: No                |                              |                                   |
| End:                              |                              |                                   |

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.06

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Area 4  
Canvas X: 6213903.985757766  
Canvas Y: 2207008.5330669247  
Area: 0.308  
Downstream: EE

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.27

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.12

Baseflow: None

Erosion: None  
End:

Source: AA  
Canvas X: 6216806.801105121  
Canvas Y: 2205366.9147819323  
Area: 0.515  
Downstream: AA-BB

Flow Gage: 10yr-1hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2211969.7504606685  
Last View S: 2202723.893726531  
Last View W: 6207413.849097065  
Last View E: 6220609.948027212  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

## Basin: Pr-Temescal 1-10yr-3hr II

Last Modified Date: 23  
September 2008  
Last Modified Time: 00:17:10  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At  
Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method:  
UNSPECIFIED  
End:

Subbasin: Area3  
Canvas X: 6214492.668891785  
Canvas Y: 2204879.0546856634  
Label X: 0.0  
Label Y: 3.0  
Area: 0.502  
Downstream: DD

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.22

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.15

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 1  
Canvas X: 6218961.1941912975  
Canvas Y: 2205778.3805321064  
From Canvas X: -  
2693.682178434916  
From Canvas Y: -  
7335.98550722748  
Label X: -69.0  
Label Y: 17.0  
Area: 0.278  
Downstream: BB

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.19

Transform: User-Specified S-  
Graph

S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: AA-BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
From Canvas X: 6216820.60132102  
From Canvas Y: 2205361.3594750483  
Downstream: BB

Route: Lag  
Lag: 0.20  
Channel Loss: None

Route Sediment: No  
End:

Reach: BB-CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
From Canvas X: 6216618.037051792  
From Canvas Y: 2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None

Route Sediment: No  
End:

Reach: CC-DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X: 6216186.996725025  
From Canvas Y: 2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None

Route Sediment: No  
End:

Reach: DD-EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
From Canvas X: 6215560.961964718  
From Canvas Y: 2206845.428153666  
Downstream: EE

Route: Lag  
Lag: 0.62  
Channel Loss: None

Route Sediment: No  
End:

Reach: EE-FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
From Canvas X: 6214893.875744719  
From Canvas Y: 2207450.9371841266  
Downstream: FF

Route: Lag

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Lag: 0.06<br>Channel Loss: None                                                                                                                                                                                                                               | Downstream: HH                                                                                                                                                                                                                          | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07                                                                                                                                        |
| Route Sediment: No<br>End:                                                                                                                                                                                                                                    | Route: Lag<br>Lag: 0.99<br>Channel Loss: None                                                                                                                                                                                           | Baseflow: None                                                                                                                                                                                                      |
| Junction: BB<br>Canvas X: 6216618.037051792<br>Canvas Y: 2205747.301606899<br>Downstream: BB-CC<br>End:                                                                                                                                                       | Route Sediment: No<br>End:                                                                                                                                                                                                              | Erosion: None<br>End:                                                                                                                                                                                               |
| Junction: CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>Downstream: CC-DD<br>End:                                                                                                                                                        | Reach: HH-Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>From Canvas X:<br>6214113.898010567<br>From Canvas Y:<br>2210447.6937416582<br>Downstream: Temescal 1                                            | Subbasin: R-Area 7<br>Canvas X: 6215741.038578993<br>Canvas Y: 2208937.951672459<br>Area: 0.124<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None                                                          |
| Junction: DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>Downstream: DD-EE<br>End:                                                                                                                                                       | Route: Lag<br>Lag: 0.06<br>Channel Loss: None                                                                                                                                                                                           | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.19                                                                                                           |
| Junction: EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>Downstream: EE-FF<br>End:                                                                                                                                                      | Route Sediment: No<br>End:                                                                                                                                                                                                              | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None                                                                                                                  |
| Junction: FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>Downstream: FF-GG<br>End:                                                                                                                                                      | Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -<br>4025.4706448977813<br>From Canvas Y: -<br>5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC | Erosion: None<br>End:                                                                                                                                                                                               |
| Sink: Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>End:                                                                                                                                                                       | Canopy: None                                                                                                                                                                                                                            | Subbasin: Area 8<br>Canvas X: 6213657.676999613<br>Canvas Y: 2209902.660975226<br>Area: 0.059<br>Downstream: HH<br><br>Canopy: None                                                                                 |
| Junction: HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>Downstream: HH-Temescal 1<br>End:                                                                                                                                              | Surface: None                                                                                                                                                                                                                           | Surface: None                                                                                                                                                                                                       |
| Junction: GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>Downstream: GG-HH<br>End:                                                                                                                                                      | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.17<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None                     | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.16<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.04<br><br>Baseflow: None |
| Reach: FF-GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>From Canvas X: 6214801.509960412<br>From Canvas Y: 2207676.7202124335<br>Downstream: GG<br><br>Route: Lag<br>Lag: 0.79<br>Channel Loss: None<br><br>Route Sediment: No<br>End: | Erosion: None<br>End:                                                                                                                                                                                                                   | Erosion: None<br>End:                                                                                                                                                                                               |
| Reach: GG-HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>From Canvas X: 6214319.155309028<br>From Canvas Y: 2208939.0525979693                                                                                                          | Subbasin: R-Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None                                                                             | Subbasin: Area 6<br>Canvas X: 6213667.939864536<br>Canvas Y: 2208219.5511278454<br>Area: 0.062<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None                                                           |
|                                                                                                                                                                                                                                                               | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20                                                                                                                               | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.06                                                                                                           |

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                                                                                                                                                                                                 |                                                                                                                                                                                                                         |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Missing Flow To Zero: No<br>Enable Flow Ratio: No<br>Allow Blending: No<br>Compute Local Flow At<br>Junctions: No                                                                                                               | Canvas Y: 2205747.301606899<br>From Canvas X: 6216820.60132102<br>From Canvas Y: 2205361.3594750483<br>Downstream: BB                                                                                                   |
| Baseflow: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                 | Route: Lag<br>Lag: 0.20<br>Channel Loss: None                                                                                                                                                                           |
| Erosion: None<br>End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Sediment Grade Scale: NONE<br>Enable Sediment Routing: No<br>Fall Velocity Method:                                                                                                                                              | Route Sediment: No<br>End:                                                                                                                                                                                              |
| Subbasin: Area 4<br>Canvas X: 6213903.985757766<br>Canvas Y: 2207008.5330669247<br>Area: 0.308<br>Downstream: EE                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | UNSPECIFIED<br>End:                                                                                                                                                                                                             | Reach: BB-CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>From Canvas X: 6216618.037051792<br>From Canvas Y: 2205747.301606899<br>Downstream: CC                                                     |
| Canopy: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | Subbasin: Area3<br>Canvas X: 6214492.668891785<br>Canvas Y: 2204879.0546856634<br>Label X: 0.0<br>Label Y: 3.0<br>Area: 0.502<br>Downstream: DD                                                                                 | Route: Lag<br>Lag: 0.41<br>Channel Loss: None                                                                                                                                                                           |
| Surface: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Canopy: None                                                                                                                                                                                                                    | Route Sediment: No<br>End:                                                                                                                                                                                              |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.27                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   | Surface: None                                                                                                                                                                                                                   | Reach: CC-DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>From Canvas X: 6216186.996725025<br>From Canvas Y: 2206322.02204259<br>Downstream: DD                                                     |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.12                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.22                                                                                                                       | Route: Lag<br>Lag: 0.86<br>Channel Loss: None                                                                                                                                                                           |
| Baseflow: None                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.15                                                                                                                                                    | Route Sediment: No<br>End:                                                                                                                                                                                              |
| Erosion: None<br>End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Baseflow: None                                                                                                                                                                                                                  | Reach: DD-EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>From Canvas X: 6215560.961964718<br>From Canvas Y: 2206845.428153666<br>Downstream: EE                                                   |
| Source: AA<br>Canvas X: 6216806.801105121<br>Canvas Y: 2205366.9147819323<br>Area: 0.515<br>Downstream: AA-BB                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Erosion: None<br>End:                                                                                                                                                                                                           | Route: Lag<br>Lag: 0.62<br>Channel Loss: None                                                                                                                                                                           |
| Flow Gage: 10yr-3hr Detention<br>End:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Subbasin: R-Area 1<br>Canvas X: 6218961.1941912975<br>Canvas Y: 2205778.3805321064<br>From Canvas X: -2693.682178434916<br>From Canvas Y: -7335.98550722748<br>Label X: -69.0<br>Label Y: 17.0<br>Area: 0.278<br>Downstream: BB | Route Sediment: No<br>End:                                                                                                                                                                                              |
| Basin Schematic Properties:<br>Last View N: 2211442.090713685<br>Last View S: 2194578.195608364<br>Last View W: 6199403.300098016<br>Last View E: 6221125.1970093<br>Maximum View N: 2211442.090713685<br>Maximum View S: 2194578.195608364<br>Maximum View W: 6194876.123866253<br>Maximum View E: 6221125.1970093<br>Extent Method: Elements Maps<br>Buffer: 0<br>Draw Icons: Yes<br>Draw Icon Labels: Yes<br>Draw Gridlines: Yes<br>Draw Flow Direction: Yes<br>Fix Element Locations: No<br>Map: hec.map.dxf.DxfMap<br>Map File Name:<br>R:\06\1000\REPORTS\HYDRO\Specific<br>Plan\Prop PacificClay-Ridge.dxf<br>Map Shown: Yes<br>End: | Canopy: None<br>Surface: None<br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.19<br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.09      | Reach: EE-FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>From Canvas X: 6214893.875744719<br>From Canvas Y: 2207450.9371841266<br>Downstream: FF<br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None |
| Basin: Pr-Temescal 1-10yr-6hr II                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | Baseflow: None                                                                                                                                                                                                                  | Route Sediment: No<br>End:                                                                                                                                                                                              |
| Last Modified Date: 23 September 2008<br>Last Modified Time: 00:18:09<br>Version: 3.2<br>Unit System: English                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | Erosion: None<br>End:<br>Reach: AA-BB<br>Canvas X: 6216618.037051792                                                                                                                                                            | Junction: BB<br>Canvas X: 6216618.037051792<br>Canvas Y: 2205747.301606899<br>Downstream: BB-CC                                                                                                                         |

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                         |                                                                                                                                                                                                                     |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| End:                                                                                                                                                                                                                                                          | Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>From Canvas X:<br>6214113.898010567<br>From Canvas Y:<br>2210447.6937416582<br>Downstream: Temescal 1                                                                    | Canvas X: 6215741.038578993<br>Canvas Y: 2208937.951672459<br>Area: 0.124<br>Downstream: GG                                                                                                                         |
| Junction: CC<br>Canvas X: 6216186.996725025<br>Canvas Y: 2206322.02204259<br>Downstream: CC-DD<br>End:                                                                                                                                                        | Route: Lag<br>Lag: 0.06<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                                                                         | Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.19                                                                  |
| Junction: DD<br>Canvas X: 6215560.961964718<br>Canvas Y: 2206845.428153666<br>Downstream: DD-EE<br>End:                                                                                                                                                       | Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -<br>4025.4706448977813<br>From Canvas Y: -<br>5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None                                                                                                                  |
| Junction: EE<br>Canvas X: 6214893.875744719<br>Canvas Y: 2207450.9371841266<br>Downstream: EE-FF<br>End:                                                                                                                                                      | From Canvas X: -<br>4025.4706448977813<br>From Canvas Y: -<br>5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC                                                                                      | Erosion: None<br>End:                                                                                                                                                                                               |
| Junction: FF<br>Canvas X: 6214801.509960412<br>Canvas Y: 2207676.7202124335<br>Downstream: FF-GG<br>End:                                                                                                                                                      | Canopy: None<br><br>Surface: None                                                                                                                                                                                                       | Subbasin: Area 8<br>Canvas X: 6213657.676999613<br>Canvas Y: 2209902.660975226<br>Area: 0.059<br>Downstream: HH<br><br>Canopy: None                                                                                 |
| Sink: Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>End:                                                                                                                                                                       | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.17                                                                                                                               | Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.16                                                                                      |
| Junction: HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>Downstream: HH-Temescal 1<br>End:                                                                                                                                              | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None                                                                                                                                      | Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.04<br><br>Baseflow: None                                                                                                                  |
| Junction: GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>Downstream: GG-HH<br>End:                                                                                                                                                      | Erosion: None<br>End:                                                                                                                                                                                                                   | Erosion: None<br>End:                                                                                                                                                                                               |
| Reach: FF-GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>From Canvas X: 6214801.509960412<br>From Canvas Y: 2207676.7202124335<br>Downstream: GG<br><br>Route: Lag<br>Lag: 0.79<br>Channel Loss: None<br><br>Route Sediment: No<br>End: | Subbasin: R-Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None                                                                             | Subbasin: Area 6<br>Canvas X: 6213667.939864536<br>Canvas Y: 2208219.5511278454<br>Area: 0.062<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None                                                           |
| Reach: GG-HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>From Canvas X: 6214319.155309028<br>From Canvas Y: 2208939.0525979693<br>Downstream: HH<br><br>Route: Lag<br>Lag: 0.99<br>Channel Loss: None<br><br>Route Sediment: No<br>End: | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None                     | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.06<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None |
| Reach: HH-Temescal 1                                                                                                                                                                                                                                          | Erosion: None<br>End:<br><br>Subbasin: R-Area 7                                                                                                                                                                                         | Erosion: None<br>End:<br><br>Subbasin: Area 4                                                                                                                                                                       |

Canvas X: 6213903.985757766  
Canvas Y: 2207008.5330669247  
Area: 0.308  
Downstream: EE  
  
Canopy: None  
  
Surface: None  
  
LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.27  
  
Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.12

Baseflow: None

Erosion: None  
End:

Source: AA  
Canvas X: 6216806.801105121  
Canvas Y: 2205366.9147819323  
Area: 0.515  
Downstream: AA-BB

Flow Gage: 10yr-6hr Detention  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2194578.195608364  
Last View W: 6194876.123866253  
Last View E: 6221125.1970093  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

#### Basin: Pr-Temescal 1-10yr-24hr II

Last Modified Date: 23 September 2008  
Last Modified Time: 00:14:50  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Area3  
Canvas X: 6214492.668891785  
Canvas Y: 2204879.0546856634  
Label X: 0.0  
Label Y: 3.0  
Area: 0.502  
Downstream: DD  
  
Canopy: None  
  
Surface: None  
  
LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.15

Baseflow: None  
  
Erosion: None  
End:

Subbasin: R-Area 1  
Canvas X: 6218961.1941912975  
Canvas Y: 2205778.3805321064  
From Canvas X: -  
2693.682178434916  
From Canvas Y: -  
7335.98550722748  
Label X: -69.0  
Label Y: 17.0  
Area: 0.278  
Downstream: BB  
  
Canopy: None  
  
Surface: None  
  
LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.09  
  
Baseflow: None

Erosion: None  
End:

Reach: AA-BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
From Canvas X:  
6216823.294350253  
From Canvas Y:  
2205449.6785241305  
Downstream: BB

Route: Lag  
Lag: 0.20  
Channel Loss: None  
  
Route Sediment: No

End:

Reach: BB-CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
From Canvas X: 6216618.037051792  
From Canvas Y: 2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None

Route Sediment: No  
End:

Reach: CC-DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X: 6216186.996725025  
From Canvas Y: 2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None

Route Sediment: No  
End:

Reach: DD-EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
From Canvas X: 6215560.961964718  
From Canvas Y: 2206845.428153666  
Downstream: EE

Route: Lag  
Lag: 0.62  
Channel Loss: None

Route Sediment: No  
End:

Reach: EE-FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
From Canvas X: 6214893.875744719  
From Canvas Y: 2207450.9371841266  
Downstream: FF

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Junction: BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
Downstream: BB-CC  
End:

Junction: CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
Downstream: CC-DD  
End:

Junction: DD  
Canvas X: 6215560.961964718



Canvas Y: 2206845.428153666  
Downstream: DD-EE  
End:

Junction: EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
Downstream: EE-FF  
End:

Junction: FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
Downstream: FF-GG  
End:

Sink: Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
End:

Junction: HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
Downstream: HH-Temescal 1  
End:

Junction: GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
Downstream: GG-HH  
End:

Reach: FF-GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
From Canvas X: 6214801.509960412  
From Canvas Y: 2207676.7202124335  
Downstream: GG

Route: Lag  
Lag: 0.79  
Channel Loss: None

Route Sediment: No  
End:

Reach: GG-HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
From Canvas X: 6214319.155309028  
From Canvas Y: 2208939.0525979693  
Downstream: HH

Route: Lag  
Lag: 0.99  
Channel Loss: None

Route Sediment: No  
End:

Reach: HH-Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
From Canvas X: 6214113.898010567  
From Canvas Y: 2210447.6937416582  
Downstream: Temescal 1

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: R-Area 2  
Canvas X: 6217629.405724835  
Canvas Y: 2207357.4704743084  
From Canvas X: -  
4025.4706448977813  
From Canvas Y: -  
5756.895565025508  
Label X: -4.0  
Label Y: 10.0  
Area: 0.176  
Downstream: CC

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None

End:

Subbasin: R-Area 5  
Canvas X: 6216603.119232529  
Canvas Y: 2208291.3911823067  
Area: 0.102  
Downstream: FF

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None

End:

Subbasin: R-Area 7  
Canvas X: 6215741.038578993  
Canvas Y: 2208937.951672459  
Area: 0.124  
Downstream: GG

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0

Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None

End:

Subbasin: Area 8  
Canvas X: 6213657.676999613  
Canvas Y: 2209902.660975226  
Area: 0.059  
Downstream: HH

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None

End:

Subbasin: Area 6  
Canvas X: 6213667.939864536  
Canvas Y: 2208219.5511278454  
Area: 0.062  
Downstream: GG

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None

End:

Subbasin: Area 4  
Canvas X: 6213903.985757766  
Canvas Y: 2207008.5330669247  
Area: 0.308  
Downstream: EE

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0

|                                          |                                   |                                   |
|------------------------------------------|-----------------------------------|-----------------------------------|
| Constant Loss Rate: 0                    | LossRate: Initial+Constant        | Lag: 0.41                         |
| Transform: User-Specified S-Graph        | Percent Impervious Area: 0.0      | Channel Loss: None                |
| S-graph: S-Graph Foothills               | Initial Loss: 0                   |                                   |
| Lag: 0.12                                | Constant Loss Rate: 0.22          | Route Sediment: No                |
|                                          |                                   | End:                              |
| Baseflow: None                           | Transform: User-Specified S-Graph | Reach: CC-DD                      |
| Erosion: None                            | S-graph: S-Graph Foothills        | Canvas X: 6215560.961964718       |
| End:                                     | Lag: 0.15                         | Canvas Y: 2206845.428153666       |
|                                          | Baseflow: None                    | From Canvas X: 6216186.996725025  |
| Source: AA                               | Erosion: None                     | From Canvas Y: 2206322.02204259   |
| Canvas X: 6216831.333162053              | End:                              | Downstream: DD                    |
| Canvas Y: 2205433.312073855              |                                   |                                   |
| Area: 0.515                              | Subbasin: R-Area 1                | Route: Lag                        |
| Downstream: AA-BB                        | Canvas X: 6218961.1941912975      | Lag: 0.86                         |
|                                          | Canvas Y: 2205778.3805321064      | Channel Loss: None                |
| Flow Gage: 10yr-24hr Detention           | From Canvas X: -                  | Route Sediment: No                |
| End:                                     | 2693.682178434916                 | End:                              |
|                                          | From Canvas Y: -                  |                                   |
| Basin Schematic Properties:              | 7335.98550722748                  | Reach: DD-EE                      |
| Last View N: 2211233.7698874054          | Label X: -69.0                    | Canvas X: 6214893.875744719       |
| Last View S: 2203725.6597265396          | Label Y: 17.0                     | Canvas Y: 2207450.9371841266      |
| Last View W: 6211649.163636915           | Area: 0.278                       | From Canvas X: 6215560.961964718  |
| Last View E: 6220089.73264034            | Downstream: BB                    | From Canvas Y: 2206845.428153666  |
| Maximum View N: 2211442.090713685        |                                   | Downstream: EE                    |
| Maximum View S: 2194578.195608364        | Canopy: None                      |                                   |
| Maximum View W: 6194876.123866253        | Surface: None                     | Route: Lag                        |
| Maximum View E: 6221125.1970093          |                                   | Lag: 0.62                         |
| Extent Method: Elements Maps             |                                   | Channel Loss: None                |
| Buffer: 0                                |                                   | Route Sediment: No                |
| Draw Icons: Yes                          | LossRate: Initial+Constant        | End:                              |
| Draw Icon Labels: Yes                    | Percent Impervious Area: 0.0      |                                   |
| Draw Gridlines: Yes                      | Initial Loss: 0                   | Reach: EE-FF                      |
| Draw Flow Direction: Yes                 | Constant Loss Rate: 0.19          | Canvas X: 6214801.509960412       |
| Fix Element Locations: No                | Transform: User-Specified S-Graph | Canvas Y: 2207676.7202124335      |
| Map: hec.map.dxf.DxfMap                  | S-graph: S-Graph Foothills        | From Canvas X: 6214893.875744719  |
| Map File Name:                           | Lag: 0.09                         | From Canvas Y: 2207450.9371841266 |
| R:\06\1000\REPORTS\HYDRO\Specific        |                                   | Downstream: FF                    |
| Plan\Prop PacificClay-Ridge.dxf          |                                   |                                   |
| Map Shown: Yes                           | Baseflow: None                    | Route: Lag                        |
| End:                                     |                                   | Lag: 0.06                         |
|                                          | Erosion: None                     | Channel Loss: None                |
| <b>Basin: Pr-Temescal 1-100yr-1hr II</b> | End:                              | Route Sediment: No                |
|                                          | Reach: AA-BB                      | End:                              |
| Last Modified Date: 23 September 2008    | Canvas X: 6216618.037051792       |                                   |
| Last Modified Time: 00:08:56             | Canvas Y: 2205747.301606899       | Junction: BB                      |
| Version: 3.2                             | From Canvas X:                    | Canvas X: 6216618.037051792       |
| Unit System: English                     | 6216820.60132102                  | Canvas Y: 2205747.301606899       |
| Missing Flow To Zero: No                 | From Canvas Y:                    | Downstream: BB-CC                 |
| Enable Flow Ratio: No                    | 2205361.3594750483                | End:                              |
| Allow Blending: No                       | Downstream: BB                    |                                   |
| Compute Local Flow At Junctions: No      |                                   | Junction: CC                      |
|                                          | Route: Lag                        | Canvas X: 6216186.996725025       |
| Sediment Grade Scale: NONE               | Lag: 0.20                         | Canvas Y: 2206322.02204259        |
| Enable Sediment Routing: No              | Channel Loss: None                | Downstream: CC-DD                 |
| Fall Velocity Method: UNSPECIFIED        |                                   | End:                              |
| End:                                     | Route Sediment: No                |                                   |
|                                          | End:                              | Junction: DD                      |
| Subbasin: Area3                          | Reach: BB-CC                      | Canvas X: 6215560.961964718       |
| Canvas X: 6214492.668891785              | Canvas X: 6216186.996725025       | Canvas Y: 2206845.428153666       |
| Canvas Y: 2204879.0546856634             | Canvas Y: 2206322.02204259        | Downstream: DD-EE                 |
| Label X: 0.0                             | From Canvas X:                    | End:                              |
| Label Y: 3.0                             | 6216618.037051792                 |                                   |
| Area: 0.502                              | From Canvas Y:                    | Junction: EE                      |
| Downstream: DD                           | 2205747.301606899                 | Canvas X: 6214893.875744719       |
|                                          | Downstream: CC                    | Canvas Y: 2207450.9371841266      |
| Canopy: None                             |                                   | Downstream: EE-FF                 |
| Surface: None                            | Route: Lag                        | End:                              |

Junction: FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
Downstream: FF-GG  
End:

Sink: Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
End:

Junction: HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
Downstream: HH-Temescal 1  
End:

Junction: GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
Downstream: GG-HH  
End:

Reach: FF-GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
From Canvas X: 6214801.509960412  
From Canvas Y: 2207676.7202124335  
Downstream: GG

Route: Lag  
Lag: 0.79  
Channel Loss: None

Route Sediment: No  
End:

Reach: GG-HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
From Canvas X: 6214319.155309028  
From Canvas Y: 2208939.0525979693  
Downstream: HH

Route: Lag  
Lag: 0.99  
Channel Loss: None

Route Sediment: No  
End:

Reach: HH-Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
From Canvas X: 6214113.898010567  
From Canvas Y: 2210447.6937416582  
Downstream: Temescal 1

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Subbasin: R-Area 2  
Canvas X: 6217629.405724835  
Canvas Y: 2207357.4704743084  
From Canvas X: -4025.4706448977813  
From Canvas Y: -5756.895565025508  
Label X: -4.0  
Label Y: 10.0

Area: 0.176  
Downstream: CC

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 5  
Canvas X: 6216603.119232529  
Canvas Y: 2208291.3911823067  
Area: 0.102  
Downstream: FF

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.20

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 7  
Canvas X: 6215741.038578993  
Canvas Y: 2208937.951672459  
Area: 0.124  
Downstream: GG

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.19

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.06

Baseflow: None

Erosion: None  
End:

Subbasin: Area 8  
Canvas X: 6213657.676999613  
Canvas Y: 2209902.660975226  
Area: 0.059  
Downstream: HH

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.16

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.04

Baseflow: None

Erosion: None  
End:

Subbasin: Area 6  
Canvas X: 6213667.939864536  
Canvas Y: 2208219.5511278454  
Area: 0.062  
Downstream: GG

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.06

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Area 4  
Canvas X: 6213903.985757766  
Canvas Y: 2207008.5330669247  
Area: 0.308  
Downstream: EE

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.27

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.12

Baseflow: None

Erosion: None  
End:

Source: AA  
Canvas X: 6216806.801105121  
Canvas Y: 2205366.9147819323  
Area: 0.515  
Downstream: AA-BB

Flow Gage: 100yr-1hr Detention  
End:

Basin Schematic Properties:

Last View N: 2211706.600468925  
Last View S: 2207989.917546016  
Last View W: 6207681.257999089  
Last View E: 6208813.684827163  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Temescal 1-100yr-3hr II**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:10:06  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Area3

Canvas X: 6214492.668891785  
Canvas Y: 2204879.0546856634  
Label X: 0.0  
Label Y: 3.0  
Area: 0.502  
Downstream: DD

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.22

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.15

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 1

Canvas X: 6218961.1941912975  
Canvas Y: 2205778.3805321064  
From Canvas X: -  
2693.682178434916  
From Canvas Y: -  
7335.98550722748

Label X: -69.0  
Label Y: 17.0  
Area: 0.278  
Downstream: BB

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.19

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: AA-BB

Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
From Canvas X:  
6216820.60132102  
From Canvas Y:  
2205361.3594750483  
Downstream: BB

Route: Lag  
Lag: 0.20  
Channel Loss: None

Route Sediment: No  
End:

Reach: BB-CC

Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
From Canvas X:  
6216618.037051792  
From Canvas Y:  
2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None

Route Sediment: No  
End:

Reach: CC-DD

Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X:  
6216186.996725025

From Canvas Y: 2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None

Route Sediment: No  
End:

Reach: DD-EE

Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
From Canvas X: 6215560.961964718  
From Canvas Y: 2206845.428153666  
Downstream: EE

Route: Lag  
Lag: 0.62  
Channel Loss: None

Route Sediment: No  
End:

Reach: EE-FF

Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
From Canvas X: 6214893.875744719  
From Canvas Y: 2207450.9371841266  
Downstream: FF

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Junction: BB

Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
Downstream: BB-CC

End:

Junction: CC

Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
Downstream: CC-DD

End:

Junction: DD

Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
Downstream: DD-EE

End:

Junction: EE

Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
Downstream: EE-FF

End:

Junction: FF

Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
Downstream: FF-GG

End:

Sink: Temescal 1

Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494

End:

|                                                                                                                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                                                                                                                                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                   |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Junction: HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>Downstream: HH-Temescal 1<br>End:                                                                                                                                                                                                                                              | Constant Loss Rate: 0.17<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End:                                                                                                                                                                                                                                                     | LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.16<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.04<br><br>Baseflow: None<br><br>Erosion: None<br>End:                                                                                                                                                                  |
| Junction: GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>Downstream: GG-HH<br>End:                                                                                                                                                                                                                                                      | Subbasin: R-Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: | Subbasin: Area 6<br>Canvas X: 6213667.939864536<br>Canvas Y: 2208219.5511278454<br>Area: 0.062<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.06<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Reach: FF-GG<br>Canvas X: 6214319.155309028<br>Canvas Y: 2208939.0525979693<br>From Canvas X: 6214801.509960412<br>From Canvas Y: 2207676.7202124335<br>Downstream: GG<br><br>Route: Lag<br>Lag: 0.79<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                 | Subbasin: R-Area 7<br>Canvas X: 6215741.038578993<br>Canvas Y: 2208937.951672459<br>Area: 0.124<br>Downstream: GG<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.19<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.06<br><br>Baseflow: None<br><br>Erosion: None<br>End:  | Subbasin: Area 4<br>Canvas X: 6213903.985757766<br>Canvas Y: 2207008.5330669247<br>Area: 0.308<br>Downstream: EE<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.27<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.12<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Reach: GG-HH<br>Canvas X: 6214113.898010567<br>Canvas Y: 2210447.6937416582<br>From Canvas X: 6214319.155309028<br>From Canvas Y: 2208939.0525979693<br>Downstream: HH<br><br>Route: Lag<br>Lag: 0.99<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                                 | Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -4025.4706448977813<br>From Canvas Y: -5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0                                                       | Subbasin: Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Reach: HH-Temescal 1<br>Canvas X: 6213677.654843446<br>Canvas Y: 2210893.2962837494<br>From Canvas X: 6214113.898010567<br>From Canvas Y: 2210447.6937416582<br>Downstream: Temescal 1<br><br>Route: Lag<br>Lag: 0.06<br>Channel Loss: None<br><br>Route Sediment: No<br>End:                                                                                 | Subbasin: Area 8<br>Canvas X: 6213657.676999613<br>Canvas Y: 2209902.660975226<br>Area: 0.059<br>Downstream: HH<br><br>Canopy: None<br><br>Surface: None                                                                                                                                                                                                                                                            | Subbasin: Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: |
| Subbasin: R-Area 2<br>Canvas X: 6217629.405724835<br>Canvas Y: 2207357.4704743084<br>From Canvas X: -4025.4706448977813<br>From Canvas Y: -5756.895565025508<br>Label X: -4.0<br>Label Y: 10.0<br>Area: 0.176<br>Downstream: CC<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0 | Source: AA<br>Canvas X: 6216806.801105121<br>Canvas Y: 2205366.9147819323<br>Area: 0.515<br>Downstream: AA-BB<br><br>Flow Gage: 100yr-3hr Detention<br>End:<br><br>Basin Schematic Properties:                                                                                                                                                                                                                      | Subbasin: Area 5<br>Canvas X: 6216603.119232529<br>Canvas Y: 2208291.3911823067<br>Area: 0.102<br>Downstream: FF<br><br>Canopy: None<br><br>Surface: None<br><br>LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0.20<br><br>Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07<br><br>Baseflow: None<br><br>Erosion: None<br>End: |

Last View N: 2211442.090713685  
Last View S: 2194578.195608364  
Last View W: 6199403.300098016  
Last View E: 6221125.1970093  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Temescal 1-100yr-6hr II**

Last Modified Date: 23 September 2008  
Last Modified Time: 00:11:45  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Area3  
Canvas X: 6214492.668891785  
Canvas Y: 2204879.0546856634  
Label X: 0.0  
Label Y: 3.0  
Area: 0.502  
Downstream: DD

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.22

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.15

Baseflow: None

Erosion: None  
End:

Subbasin: R-Area 1  
Canvas X: 6218961.1941912975  
Canvas Y: 2205778.3805321064  
From Canvas X: -2693.682178434916  
From Canvas Y: -7335.98550722748  
Label X: -69.0  
Label Y: 17.0

Area: 0.278  
Downstream: BB

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.19

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Reach: AA-BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
From Canvas X:  
6216820.60132102  
From Canvas Y:  
2205361.3594750483  
Downstream: BB

Route: Lag  
Lag: 0.20  
Channel Loss: None

Route Sediment: No  
End:

Reach: BB-CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
From Canvas X:  
6216618.037051792  
From Canvas Y:  
2205747.301606899  
Downstream: CC

Route: Lag  
Lag: 0.41  
Channel Loss: None

Route Sediment: No  
End:

Reach: CC-DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
From Canvas X:  
6216186.996725025  
From Canvas Y:  
2206322.02204259  
Downstream: DD

Route: Lag  
Lag: 0.86  
Channel Loss: None

Route Sediment: No  
End:

Reach: DD-EE  
Canvas X: 6214893.875744719

Canvas Y: 2207450.9371841266  
From Canvas X: 6215560.961964718  
From Canvas Y: 2206845.428153666  
Downstream: EE

Route: Lag  
Lag: 0.62  
Channel Loss: None

Route Sediment: No  
End:

Reach: EE-FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
From Canvas X: 6214893.875744719  
From Canvas Y: 2207450.9371841266  
Downstream: FF

Route: Lag  
Lag: 0.06  
Channel Loss: None

Route Sediment: No  
End:

Junction: BB  
Canvas X: 6216618.037051792  
Canvas Y: 2205747.301606899  
Downstream: BB-CC  
End:

Junction: CC  
Canvas X: 6216186.996725025  
Canvas Y: 2206322.02204259  
Downstream: CC-DD  
End:

Junction: DD  
Canvas X: 6215560.961964718  
Canvas Y: 2206845.428153666  
Downstream: DD-EE  
End:

Junction: EE  
Canvas X: 6214893.875744719  
Canvas Y: 2207450.9371841266  
Downstream: EE-FF  
End:

Junction: FF  
Canvas X: 6214801.509960412  
Canvas Y: 2207676.7202124335  
Downstream: FF-GG  
End:

Sink: Temescal 1  
Canvas X: 6213677.654843446  
Canvas Y: 2210893.2962837494  
End:

Junction: HH  
Canvas X: 6214113.898010567  
Canvas Y: 2210447.6937416582  
Downstream: HH-Temescal 1  
End:

Junction: GG  
Canvas X: 6214319.155309028  
Canvas Y: 2208939.0525979693  
Downstream: GG-HH  
End:

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>Reach: FF-GG</p> <p>Canvas X: 6214319.155309028</p> <p>Canvas Y: 2208939.0525979693</p> <p>From Canvas X: 6214801.509960412</p> <p>From Canvas Y: 2207676.7202124335</p> <p>Downstream: GG</p><br><p>Route: Lag</p> <p>Lag: 0.79</p> <p>Channel Loss: None</p><br><p>Route Sediment: No</p> <p>End:</p><br><p>Reach: GG-HH</p> <p>Canvas X: 6214113.898010567</p> <p>Canvas Y: 2210447.6937416582</p> <p>From Canvas X: 6214319.155309028</p> <p>From Canvas Y: 2208939.0525979693</p> <p>Downstream: HH</p><br><p>Route: Lag</p> <p>Lag: 0.99</p> <p>Channel Loss: None</p><br><p>Route Sediment: No</p> <p>End:</p><br><p>Reach: HH-Temescal 1</p> <p>Canvas X: 6213677.654843446</p> <p>Canvas Y: 2210893.2962837494</p> <p>From Canvas X: 6214113.898010567</p> <p>From Canvas Y: 2210447.6937416582</p> <p>Downstream: Temescal 1</p><br><p>Route: Lag</p> <p>Lag: 0.06</p> <p>Channel Loss: None</p><br><p>Route Sediment: No</p> <p>End:</p><br><p>Subbasin: R-Area 2</p> <p>Canvas X: 6217629.405724835</p> <p>Canvas Y: 2207357.4704743084</p> <p>From Canvas X: -4025.4706448977813</p> <p>From Canvas Y: -5756.895565025508</p> <p>Label X: -4.0</p> <p>Label Y: 10.0</p> <p>Area: 0.176</p> <p>Downstream: CC</p><br><p>Canopy: None</p><br><p>Surface: None</p><br><p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.17</p><br><p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.07</p><br><p>Baseflow: None</p><br><p>Erosion: None</p> <p>End:</p><br><p>Subbasin: R-Area 5</p> | <p>Canvas X: 6216603.119232529</p> <p>Canvas Y: 2208291.3911823067</p> <p>Area: 0.102</p> <p>Downstream: FF</p><br><p>Canopy: None</p><br><p>Surface: None</p><br><p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.20</p><br><p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.07</p><br><p>Baseflow: None</p><br><p>Erosion: None</p> <p>End:</p><br><p>Subbasin: R-Area 7</p> <p>Canvas X: 6215741.038578993</p> <p>Canvas Y: 2208937.951672459</p> <p>Area: 0.124</p> <p>Downstream: GG</p><br><p>Canopy: None</p><br><p>Surface: None</p><br><p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.19</p><br><p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.06</p><br><p>Baseflow: None</p><br><p>Erosion: None</p> <p>End:</p><br><p>Subbasin: Area 8</p> <p>Canvas X: 6213657.676999613</p> <p>Canvas Y: 2209902.660975226</p> <p>Area: 0.059</p> <p>Downstream: HH</p><br><p>Canopy: None</p><br><p>Surface: None</p><br><p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.16</p><br><p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.04</p><br><p>Baseflow: None</p><br><p>Erosion: None</p> | <p>End:</p><br><p>Subbasin: Area 6</p> <p>Canvas X: 6213667.939864536</p> <p>Canvas Y: 2208219.5511278454</p> <p>Area: 0.062</p> <p>Downstream: GG</p><br><p>Canopy: None</p><br><p>Surface: None</p><br><p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.06</p><br><p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.07</p><br><p>Baseflow: None</p><br><p>Erosion: None</p> <p>End:</p><br><p>Subbasin: Area 4</p> <p>Canvas X: 6213903.985757766</p> <p>Canvas Y: 2207008.5330669247</p> <p>Area: 0.308</p> <p>Downstream: EE</p><br><p>Canopy: None</p><br><p>Surface: None</p><br><p>LossRate: Initial+Constant</p> <p>Percent Impervious Area: 0.0</p> <p>Initial Loss: 0</p> <p>Constant Loss Rate: 0.27</p><br><p>Transform: User-Specified S-Graph</p> <p>S-graph: S-Graph Foothills</p> <p>Lag: 0.12</p><br><p>Baseflow: None</p><br><p>Erosion: None</p> <p>End:</p><br><p>Source: AA</p> <p>Canvas X: 6216806.801105121</p> <p>Canvas Y: 2205366.9147819323</p> <p>Area: 0.515</p> <p>Downstream: AA-BB</p><br><p>Flow Gage: 100yr-6hr Detention</p> <p>End:</p><br><p>Basin Schematic Properties:</p> <p>Last View N: 2211442.090713685</p> <p>Last View S: 2194578.195608364</p> <p>Last View W: 6199403.300098016</p> <p>Last View E: 6221125.1970093</p> <p>Maximum View N: 2211442.090713685</p> <p>Maximum View S: 2194578.195608364</p> <p>Maximum View W: 6194876.123866253</p> <p>Maximum View E: 6221125.1970093</p> <p>Extent Method: Elements Maps</p> <p>Buffer: 0</p> <p>Draw Icons: Yes</p> <p>Draw Icon Labels: Yes</p> |
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Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Temescal 2 AMC I**

Last Modified Date: 23 September 2008  
Last Modified Time: 01:22:53  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 3  
Canvas X: 6209536.911917269  
Canvas Y: 2205872.9981092326  
Label X: -69.0  
Label Y: 17.0  
Area: 0.359  
Downstream: B

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.29

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 2  
Canvas X: 6208115.285211327  
Canvas Y: 2203339.689384982  
Label X: 0.0  
Label Y: 3.0  
Area: 0.485  
Downstream: A

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.41

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills

Lag: 0.17

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 4  
Canvas X: 6210350.46829556  
Canvas Y: 2208153.9298741  
From Canvas X:  
1919.964956969954  
From Canvas Y:  
916.998188403435  
Label X: -43.0  
Label Y: -21.0  
Area: 0.081  
Downstream: C

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.31

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 5  
Canvas X: 6211238.810290576  
Canvas Y: 2209328.8338029915  
From Canvas X:  
2808.3069519856945  
From Canvas Y:  
2091.9021172951907  
Label X: -53.0  
Label Y: -24.0  
Area: 0.057  
Downstream: D

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.21

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 8  
Canvas X: 6211554.02841784  
Canvas Y: 2210532.393925271

From Canvas X: 3123.5250792494044  
From Canvas Y: 3295.462239574641  
Label X: -67.0  
Label Y: -18.0  
Area: 0.083  
Downstream: F

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.11

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 7  
Canvas X: 6212833.357273911  
Canvas Y: 2210058.7047677278  
From Canvas X: 4269.772814753465  
From Canvas Y: 2722.3383718226105  
Label X: -38.0  
Label Y: -26.0  
Area: 0.046  
Downstream: E

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.19

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 6  
Canvas X: 6212580.924614546  
Canvas Y: 2208498.2119643767  
From Canvas X: 3696.648947001435  
From Canvas Y: 1260.872509054374  
Label X: -48.0  
Label Y: -21.0  
Area: 0.117  
Downstream: D

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17



Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.11

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 1

Canvas X: 6205736.821160155  
Canvas Y: 2199900.946178469  
From Canvas X: -2693.682178434916  
From Canvas Y: -7335.98550722748  
Label X: -69.0  
Label Y: 17.0  
Area: 2.854  
Downstream: Pac channel 1

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.43

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.54

Baseflow: None

Erosion: None  
End:

Reach: Pac channel 1

Canvas X: 6212080.855259467  
Canvas Y: 2204503.328767402  
From Canvas X: 6212563.51792969  
From Canvas Y: 2202670.09189473  
Downstream: Junction-1

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 2062  
Energy Slope: 0.06  
Width: 100  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Reach: Pac channel 2

Canvas X: 6211473.780788795  
Canvas Y: 2204940.779488915  
From Canvas X: 6212080.855259467  
From Canvas Y: 2204503.328767402  
Downstream: A

Route: Muskingum Cunge  
Channel: Trapezoid  
Length: 921  
Energy Slope: 0.02  
Width: 100  
Side Slope: 3  
Mannings n: 0.03  
Channel Loss: None

Route Sediment: No  
End:

Junction: Junction-1

Canvas X: 6212080.855259467  
Canvas Y: 2204503.328767402  
Downstream: Pac channel 2

End:

Junction: A

Canvas X: 6211473.780788795  
Canvas Y: 2204940.779488915  
Downstream: A-B

End:

Reach: A-B

Canvas X: 6210569.391854678  
Canvas Y: 2207165.7867217506  
From Canvas X:  
6211473.780788795  
From Canvas Y:  
2204940.779488915  
Downstream: B

Route: Lag  
Lag: 0.99  
Channel Loss: None

Route Sediment: No  
End:

Reach: B-C

Canvas X: 6211212.17658833  
Canvas Y: 2208335.2978343675  
From Canvas X:  
6210569.391854678  
From Canvas Y:  
2207165.7867217506  
Downstream: C

Route: Lag  
Lag: 0.43  
Channel Loss: None

Route Sediment: No  
End:

Reach: C-D

Canvas X: 6212131.715860082  
Canvas Y: 2209424.4608552777  
From Canvas X:  
6211212.17658833  
From Canvas Y:  
2208335.2978343675  
Downstream: D

Route: Lag  
Lag: 0.72  
Channel Loss: None

Route Sediment: No  
End:

Reach: D-E

Canvas X: 6212242.1670179255  
Canvas Y: 2210593.3832311262  
From Canvas X:  
6212131.715860082  
From Canvas Y:  
2209424.4608552777  
Label X: -47.0  
Label Y: -3.0

Downstream: E

Route: Lag  
Lag: 0.99  
Channel Loss: None

Route Sediment: No  
End:

Reach: E-F

Canvas X: 6212206.804206152  
Canvas Y: 2210902.8078341424  
From Canvas X: 6212242.1670179255  
From Canvas Y: 2210593.3832311262  
Downstream: F

Route: Lag  
Lag: 0.30  
Channel Loss: None

Route Sediment: No  
End:

Junction: B

Canvas X: 6210569.391854678  
Canvas Y: 2207165.7867217506  
Downstream: B-C

End:

Junction: C

Canvas X: 6211212.17658833  
Canvas Y: 2208335.2978343675  
Downstream: C-D

End:

Junction: D

Canvas X: 6212131.715860082  
Canvas Y: 2209424.4608552777  
Downstream: D-E

End:

Junction: E

Canvas X: 6212242.1670179255  
Canvas Y: 2210593.3832311262  
Downstream: E-F

End:

Junction: F

Canvas X: 6212206.804206152  
Canvas Y: 2210902.8078341424  
Downstream: F-Temescal 2

End:

Reach: F-Temescal 2

Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603  
From Canvas X: 6212206.804206152  
From Canvas Y: 2210902.8078341424  
Downstream: Temescal 2

Route: Lag  
Lag: 0.04  
Channel Loss: None

Route Sediment: No  
End:

Sink: Temescal 2

Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603

End:

Basin Schematic Properties:

Last View N: 2211227.8002253603  
Last View S: 2194386.205608363  
Last View W: 6194334.583866252  
Last View E: 6220583.6570093  
Maximum View N: 2211227.8002253603  
Maximum View S: 2194386.205608363  
Maximum View W: 6194334.583866252  
Maximum View E: 6220583.6570093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

Basin: Pr-Temescal 2 AMC I 24-hr

Last Modified Date: 23 September 2008  
Last Modified Time: 01:24:32  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 3  
Canvas X: 6209536.911917269  
Canvas Y: 2205872.9981092326  
Label X: -69.0  
Label Y: 17.0  
Area: 0.359  
Downstream: B

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 2  
Canvas X: 6208115.285211327  
Canvas Y: 2203339.689384982  
Label X: 0.0  
Label Y: 3.0  
Area: 0.485

Downstream: A

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 4  
Canvas X: 6210350.46829556  
Canvas Y: 2208153.9298741  
From Canvas X:  
1919.964956969954  
From Canvas Y:  
916.998188403435  
Label X: -69.0  
Label Y: 17.0  
Area: 0.081  
Downstream: C

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 5  
Canvas X: 6211238.810290576  
Canvas Y: 2209328.8338029915  
From Canvas X:  
2808.3069519856945  
From Canvas Y:  
2091.9021172951907  
Label X: -69.0  
Label Y: 17.0  
Area: 0.057  
Downstream: D

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 8  
Canvas X: 6211554.02841784  
Canvas Y: 2210532.393925271  
From Canvas X: 3123.5250792494044  
From Canvas Y: 3295.462239574641  
Label X: -86.0  
Label Y: 2.0  
Area: 0.083  
Downstream: F

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 7  
Canvas X: 6212837.4130763905  
Canvas Y: 2210046.7136397134  
From Canvas X: 4269.772814753465  
From Canvas Y: 2722.3383718226105  
Label X: -23.0  
Label Y: -20.0  
Area: 0.046  
Downstream: E

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 6  
Canvas X: 6212443.845183731  
Canvas Y: 2208472.4420690783  
From Canvas X: 3696.648947001435  
From Canvas Y: 1260.872509054374  
Label X: -48.0

|                                   |                              |                                   |
|-----------------------------------|------------------------------|-----------------------------------|
| Label Y: -21.0                    | From Canvas X:               | Lag: 0.72                         |
| Area: 0.117                       | 6212080.855259467            | Channel Loss: None                |
| Downstream: D                     | From Canvas Y:               |                                   |
|                                   | 2204503.328767402            | Route Sediment: No                |
| Canopy: None                      | Downstream: A                | End:                              |
|                                   |                              |                                   |
| Surface: None                     | Route: Muskingum Cunge       | Reach: D-E                        |
|                                   | Channel: Trapezoid           | Canvas X: 6212242.1670179255      |
| LossRate: Initial+Constant        | Length: 921                  | Canvas Y: 2210593.3832311262      |
| Percent Impervious Area: 0.0      | Energy Slope: 0.02           | From Canvas X: 6212131.715860082  |
| Initial Loss: 0                   | Width: 100                   | From Canvas Y: 2209424.4608552777 |
| Constant Loss Rate: 0             | Side Slope: 3                | Downstream: E                     |
|                                   | Mannings n: 0.03             |                                   |
| Transform: User-Specified S-Graph | Channel Loss: None           | Route: Lag                        |
| S-graph: S-Graph Foothills        |                              | Lag: 0.99                         |
| Lag: 0.11                         |                              | Channel Loss: None                |
|                                   | Route Sediment: No           |                                   |
| Baseflow: None                    | End:                         | Route Sediment: No                |
|                                   |                              | End:                              |
| Erosion: None                     | Junction: Junction-1         |                                   |
| End:                              | Canvas X: 6212080.855259467  | Reach: E-F                        |
|                                   | Canvas Y: 2204503.328767402  | Canvas X: 6212206.804206152       |
|                                   | Downstream: Pac channel 2    | Canvas Y: 2210902.8078341424      |
| Subbasin: Pac 1                   | End:                         | From Canvas X: 6212242.1670179255 |
| Canvas X: 6205736.821160155       |                              | From Canvas Y: 2210593.3832311262 |
| Canvas Y: 2199900.946178469       | Junction: A                  | Downstream: F                     |
| From Canvas X: -2693.682178434916 | Canvas X: 6211473.780788795  |                                   |
| From Canvas Y: -7335.98550722748  | Canvas Y: 2204940.779488915  | Route: Lag                        |
| Label X: -69.0                    | Downstream: A-B              | Lag: 0.30                         |
| Label Y: 17.0                     | End:                         | Channel Loss: None                |
| Area: 2.854                       |                              |                                   |
| Downstream: Pac channel 1         | Reach: A-B                   | Route Sediment: No                |
|                                   | Canvas X: 6210569.391854678  | End:                              |
| Canopy: None                      | Canvas Y: 2207165.7867217506 |                                   |
|                                   | From Canvas X:               | Junction: B                       |
| Surface: None                     | 6211473.780788795            | Canvas X: 6210569.391854678       |
|                                   | From Canvas Y:               | Canvas Y: 2207165.7867217506      |
| LossRate: Initial+Constant        | 2204940.779488915            | Downstream: B-C                   |
| Percent Impervious Area: 0.0      | Downstream: B                | End:                              |
| Initial Loss: 0                   |                              |                                   |
| Constant Loss Rate: 0             | Route: Lag                   | Junction: C                       |
|                                   | Lag: 0.99                    | Canvas X: 6211212.17658833        |
| Transform: User-Specified S-Graph | Channel Loss: None           | Canvas Y: 2208335.2978343675      |
| S-graph: S-Graph Foothills        |                              | Downstream: C-D                   |
| Lag: 0.54                         | Route Sediment: No           | End:                              |
|                                   | End:                         |                                   |
| Baseflow: None                    |                              | Junction: D                       |
|                                   | Reach: B-C                   | Canvas X: 6212131.715860082       |
| Erosion: None                     | Canvas X: 6211212.17658833   | Canvas Y: 2209424.4608552777      |
| End:                              | Canvas Y: 2208335.2978343675 | Downstream: D-E                   |
|                                   | From Canvas X:               | End:                              |
| Reach: Pac channel 1              | 6210569.391854678            |                                   |
| Canvas X: 6212080.855259467       | From Canvas Y:               | Junction: E                       |
| Canvas Y: 2204503.328767402       | 2207165.7867217506           | Canvas X: 6212242.1670179255      |
| From Canvas X: 6212563.51792969   | Downstream: C                | Canvas Y: 2210593.3832311262      |
| From Canvas Y: 2202670.09189473   |                              | Downstream: E-F                   |
| Downstream: Junction-1            | Route: Lag                   | End:                              |
|                                   | Lag: 0.43                    |                                   |
| Route: Muskingum Cunge            | Channel Loss: None           | Junction: F                       |
| Channel: Trapezoid                |                              | Canvas X: 6212206.804206152       |
| Length: 2062                      | Route Sediment: No           | Canvas Y: 2210902.8078341424      |
| Energy Slope: 0.06                | End:                         | Downstream: F-Temescal 2          |
| Width: 100                        |                              | End:                              |
| Side Slope: 3                     | Reach: C-D                   |                                   |
| Mannings n: 0.03                  | Canvas X: 6212131.715860082  | Reach: F-Temescal 2               |
| Channel Loss: None                | Canvas Y: 2209424.4608552777 | Canvas X: 6212002.546963989       |
|                                   | From Canvas X:               | Canvas Y: 2211227.8002253603      |
| Route Sediment: No                | 6211212.17658833             | From Canvas X: 6212206.804206152  |
| End:                              | From Canvas Y:               | From Canvas Y: 2210902.8078341424 |
|                                   | 2208335.2978343675           | Downstream: Temescal 2            |
| Reach: Pac channel 2              | Downstream: D                |                                   |
| Canvas X: 6211473.780788795       | Route: Lag                   | Route: Lag                        |
| Canvas Y: 2204940.779488915       |                              |                                   |

Lag: 0.04  
Channel Loss: None

Route Sediment: No  
End:

Sink: Temescal 2  
Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603  
End:

Basin Schematic Properties:  
Last View N: 2212575.022815634  
Last View S: 2198553.7787764906  
Last View W: 6202076.956560774  
Last View E: 6219005.70663129  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Temescal 2 AMC II**

Last Modified Date: 23 September 2008  
Last Modified Time: 01:25:45  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No  
  
Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED  
End:

Subbasin: Pac 3  
Canvas X: 6209536.911917269  
Canvas Y: 2205872.9981092326  
Label X: -69.0  
Label Y: 17.0  
Area: 0.359  
Downstream: B

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.17

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 2  
Canvas X: 6208115.285211327  
Canvas Y: 2203339.689384982  
Label X: 0.0  
Label Y: 3.0  
Area: 0.485  
Downstream: A

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.23

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 4  
Canvas X: 6210350.46829556  
Canvas Y: 2208153.9298741  
From Canvas X:  
1919.964956969954  
From Canvas Y:  
916.998188403435  
Label X: -69.0  
Label Y: 17.0  
Area: 0.081  
Downstream: C

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.18

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 5  
Canvas X: 6211238.810290576  
Canvas Y: 2209328.8338029915  
From Canvas X:  
2808.3069519856945  
From Canvas Y:  
2091.9021172951907  
Label X: -69.0  
Label Y: 17.0

Area: 0.057  
Downstream: D

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.13

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 8  
Canvas X: 6211554.02841784  
Canvas Y: 2210532.393925271  
From Canvas X: 3123.5250792494044  
From Canvas Y: 3295.462239574641  
Label X: -86.0  
Label Y: 2.0  
Area: 0.083  
Downstream: F

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.07

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 7  
Canvas X: 6212837.4130763905  
Canvas Y: 2210046.7136397134  
From Canvas X: 4269.772814753465  
From Canvas Y: 2722.3383718226105  
Label X: -23.0  
Label Y: -20.0  
Area: 0.046  
Downstream: E

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0.15

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

|                                   |                              |                                   |
|-----------------------------------|------------------------------|-----------------------------------|
| Baseflow: None                    | Width: 100                   |                                   |
| Erosion: None                     | Side Slope: 3                | Reach: C-D                        |
| End:                              | Mannings n: 0.03             | Canvas X: 6212131.715860082       |
|                                   | Channel Loss: None           | Canvas Y: 2209424.4608552777      |
|                                   |                              | From Canvas X: 6211212.17658833   |
| Subbasin: Pac 6                   | Route Sediment: No           | From Canvas Y: 2208335.2978343675 |
| Canvas X: 6212443.845183731       | End:                         | Downstream: D                     |
| Canvas Y: 2208472.4420690783      |                              |                                   |
| From Canvas X: 3696.648947001435  | Reach: Pac channel 2         | Route: Lag                        |
| From Canvas Y: 1260.872509054374  | Canvas X: 6211473.780788795  | Lag: 0.72                         |
| Label X: -48.0                    | Canvas Y: 2204940.779488915  | Channel Loss: None                |
| Label Y: -21.0                    | From Canvas X:               |                                   |
| Area: 0.117                       | 6212080.855259467            | Route Sediment: No                |
| Downstream: D                     | From Canvas Y:               | End:                              |
|                                   | 2204503.328767402            |                                   |
| Canopy: None                      | Downstream: A                | Reach: D-E                        |
|                                   |                              | Canvas X: 6212242.1670179255      |
| Surface: None                     | Route: Muskingum Cunge       | Canvas Y: 2210593.3832311262      |
|                                   | Channel: Trapezoid           | From Canvas X: 6212131.715860082  |
| LossRate: Initial+Constant        | Length: 921                  | From Canvas Y: 2209424.4608552777 |
| Percent Impervious Area: 0.0      | Energy Slope: 0.02           | Downstream: E                     |
| Initial Loss: 0                   | Width: 100                   |                                   |
| Constant Loss Rate: 0.12          | Side Slope: 3                | Route: Lag                        |
|                                   | Mannings n: 0.03             | Lag: 0.99                         |
| Transform: User-Specified S-Graph | Channel Loss: None           | Channel Loss: None                |
| S-graph: S-Graph Foothills        |                              |                                   |
| Lag: 0.11                         | Route Sediment: No           | Route Sediment: No                |
|                                   | End:                         | End:                              |
| Baseflow: None                    |                              |                                   |
| Erosion: None                     | Junction: Junction-1         | Reach: E-F                        |
| End:                              | Canvas X: 6212080.855259467  | Canvas X: 6212206.804206152       |
|                                   | Canvas Y: 2204503.328767402  | Canvas Y: 2210902.8078341424      |
|                                   | Downstream: Pac channel 2    | From Canvas X: 6212242.1670179255 |
| Subbasin: Pac 1                   | End:                         | From Canvas Y: 2210593.3832311262 |
| Canvas X: 6205736.821160155       |                              | Downstream: F                     |
| Canvas Y: 2199900.946178469       | Junction: A                  |                                   |
| From Canvas X: -2693.682178434916 | Canvas X: 6211473.780788795  | Route: Lag                        |
| From Canvas Y: -7335.98550722748  | Canvas Y: 2204940.779488915  | Lag: 0.30                         |
| Label X: -69.0                    | Downstream: A-B              | Channel Loss: None                |
| Label Y: 17.0                     | End:                         |                                   |
| Area: 2.854                       |                              | Route Sediment: No                |
| Downstream: Pac channel 1         | Reach: A-B                   | End:                              |
|                                   | Canvas X: 6210569.391854678  |                                   |
| Canopy: None                      | Canvas Y: 2207165.7867217506 | Junction: B                       |
|                                   | From Canvas X:               | Canvas X: 6210569.391854678       |
| Surface: None                     | 6211473.780788795            | Canvas Y: 2207165.7867217506      |
|                                   | From Canvas Y:               | Downstream: B-C                   |
| LossRate: Initial+Constant        | 2204940.779488915            | End:                              |
| Percent Impervious Area: 0.0      | Downstream: B                |                                   |
| Initial Loss: 0                   |                              | Junction: C                       |
| Constant Loss Rate: 0.24          | Route: Lag                   | Canvas X: 6211212.17658833        |
|                                   | Lag: 0.99                    | Canvas Y: 2208335.2978343675      |
| Transform: User-Specified S-Graph | Channel Loss: None           | Downstream: C-D                   |
| S-graph: S-Graph Foothills        |                              | End:                              |
| Lag: 0.54                         | Route Sediment: No           | Junction: D                       |
|                                   | End:                         | Canvas X: 6212131.715860082       |
| Baseflow: None                    |                              | Canvas Y: 2209424.4608552777      |
| Erosion: None                     | Reach: B-C                   | Downstream: D-E                   |
| End:                              | Canvas X: 6211212.17658833   | End:                              |
|                                   | Canvas Y: 2208335.2978343675 |                                   |
|                                   | From Canvas X:               | Junction: E                       |
| Reach: Pac channel 1              | 6210569.391854678            | Canvas X: 6212242.1670179255      |
| Canvas X: 6212080.855259467       | From Canvas Y:               | Canvas Y: 2210593.3832311262      |
| Canvas Y: 2204503.328767402       | 2207165.7867217506           | Downstream: E-F                   |
| From Canvas X: 6212563.51792969   | Downstream: C                | End:                              |
| From Canvas Y: 2202670.09189473   |                              | Junction: F                       |
| Downstream: Junction-1            | Route: Lag                   | Canvas X: 6212206.804206152       |
|                                   | Lag: 0.43                    | Canvas Y: 2210902.8078341424      |
| Route: Muskingum Cunge            | Channel Loss: None           | Downstream: F-Temescal 2          |
| Channel: Trapezoid                |                              | End:                              |
| Length: 2062                      | Route Sediment: No           |                                   |
| Energy Slope: 0.06                | End:                         |                                   |

Reach: F-Temescal 2  
Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603  
From Canvas X: 6212206.804206152  
From Canvas Y: 2210902.8078341424  
Downstream: Temescal 2

Route: Lag  
Lag: 0.04  
Channel Loss: None

Route Sediment: No  
End:

Sink: Temescal 2  
Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2194578.195608364  
Last View W: 6194876.123866253  
Last View E: 6221125.1970093  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:

**Basin: Pr-Temescal 2 AMC II 24-hr**

Last Modified Date: 23 September 2008  
Last Modified Time: 01:26:58  
Version: 3.2  
Unit System: English  
Missing Flow To Zero: No  
Enable Flow Ratio: No  
Allow Blending: No  
Compute Local Flow At Junctions: No

Sediment Grade Scale: NONE  
Enable Sediment Routing: No  
Fall Velocity Method: UNSPECIFIED

End:

Subbasin: Pac 3  
Canvas X: 6209536.911917269  
Canvas Y: 2205872.9981092326  
Label X: -69.0  
Label Y: 17.0  
Area: 0.359  
Downstream: B

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.09

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 2  
Canvas X: 6208115.285211327  
Canvas Y: 2203339.689384982  
Label X: 0.0  
Label Y: 3.0  
Area: 0.485  
Downstream: A

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.17

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 4  
Canvas X: 6210350.46829556  
Canvas Y: 2208153.9298741  
From Canvas X:  
1919.964956969954  
From Canvas Y:  
916.998188403435  
Label X: -69.0  
Label Y: 17.0  
Area: 0.081  
Downstream: C

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-  
Graph  
S-graph: S-Graph Foothills  
Lag: 0.07

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 5  
Canvas X: 6211238.810290576  
Canvas Y: 2209328.8338029915  
From Canvas X: 2808.3069519856945  
From Canvas Y: 2091.9021172951907  
Label X: -69.0  
Label Y: 17.0  
Area: 0.057  
Downstream: D

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 8  
Canvas X: 6211554.02841784  
Canvas Y: 2210532.393925271  
From Canvas X: 3123.5250792494044  
From Canvas Y: 3295.462239574641  
Label X: -86.0  
Label Y: 2.0  
Area: 0.083  
Downstream: F

Canopy: None

Surface: None

LossRate: Initial+Constant  
Percent Impervious Area: 0.0  
Initial Loss: 0  
Constant Loss Rate: 0

Transform: User-Specified S-Graph  
S-graph: S-Graph Foothills  
Lag: 0.05

Baseflow: None

Erosion: None  
End:

Subbasin: Pac 7  
Canvas X: 6212837.4130763905  
Canvas Y: 2210046.7136397134  
From Canvas X: 4269.772814753465  
From Canvas Y: 2722.3383718226105  
Label X: -23.0  
Label Y: -20.0  
Area: 0.046  
Downstream: E

Canopy: None

Surface: None

LossRate: Initial+Constant

|                                                                                                                                                                                                                                       |                                                                                                                                                                                   |                                                                                                                                                                      |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                                                                                                              | From Canvas X:<br>6212563.51792969<br>From Canvas Y:<br>2202670.09189473<br>Downstream: Junction-1                                                                                | From Canvas Y: 2207165.7867217506<br>Downstream: C                                                                                                                   |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.07                                                                                                                                                          | Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 2062<br>Energy Slope: 0.06<br>Width: 100<br>Side Slope: 3<br>Mannings n: 0.03<br>Channel Loss: None                       | Route: Lag<br>Lag: 0.43<br>Channel Loss: None                                                                                                                        |
| Baseflow: None                                                                                                                                                                                                                        | Route Sediment: No                                                                                                                                                                | Route Sediment: No                                                                                                                                                   |
| Erosion: None                                                                                                                                                                                                                         | End:                                                                                                                                                                              | End:                                                                                                                                                                 |
| Subbasin: Pac 6<br>Canvas X: 6212443.845183731<br>Canvas Y: 2208472.4420690783<br>From Canvas X: 3696.648947001435<br>From Canvas Y: 1260.872509054374<br>Label X: -48.0<br>Label Y: -21.0<br>Area: 0.117<br>Downstream: D            | Reach: Pac channel 2<br>Canvas X: 6211473.780788795<br>Canvas Y: 2204940.779488915<br>From Canvas X:<br>6212080.855259467<br>From Canvas Y:<br>2204503.328767402<br>Downstream: A | Reach: C-D<br>Canvas X: 6212131.715860082<br>Canvas Y: 2209424.4608552777<br>From Canvas X: 6211212.17658833<br>From Canvas Y: 2208335.2978343675<br>Downstream: D   |
| Canopy: None                                                                                                                                                                                                                          | Route: Muskingum Cunge<br>Channel: Trapezoid<br>Length: 921<br>Energy Slope: 0.02<br>Width: 100<br>Side Slope: 3<br>Mannings n: 0.03<br>Channel Loss: None                        | Route: Lag<br>Lag: 0.72<br>Channel Loss: None                                                                                                                        |
| Surface: None                                                                                                                                                                                                                         | Route Sediment: No                                                                                                                                                                | Route Sediment: No                                                                                                                                                   |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                                                                                | End:                                                                                                                                                                              | End:                                                                                                                                                                 |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.11                                                                                                                                                          | Reach: A-B<br>Canvas X: 6210569.391854678<br>Canvas Y: 2207165.7867217506<br>From Canvas X:<br>6211473.780788795<br>From Canvas Y:<br>2204940.779488915<br>Downstream: B          | Reach: D-E<br>Canvas X: 6212242.1670179255<br>Canvas Y: 2210593.3832311262<br>From Canvas X: 6212131.715860082<br>From Canvas Y: 2209424.4608552777<br>Downstream: E |
| Baseflow: None                                                                                                                                                                                                                        | Route: Lag<br>Lag: 0.99<br>Channel Loss: None                                                                                                                                     | Route: Lag<br>Lag: 0.99<br>Channel Loss: None                                                                                                                        |
| Erosion: None                                                                                                                                                                                                                         | Route Sediment: No                                                                                                                                                                | Route Sediment: No                                                                                                                                                   |
| End:                                                                                                                                                                                                                                  | End:                                                                                                                                                                              | End:                                                                                                                                                                 |
| Subbasin: Pac 1<br>Canvas X: 6205736.821160155<br>Canvas Y: 2199900.946178469<br>From Canvas X: -2693.682178434916<br>From Canvas Y: -7335.98550722748<br>Label X: -69.0<br>Label Y: 17.0<br>Area: 2.854<br>Downstream: Pac channel 1 | Junction: Junction-1<br>Canvas X: 6212080.855259467<br>Canvas Y: 2204503.328767402<br>Downstream: Pac channel 2                                                                   | Reach: E-F<br>Canvas X: 6212206.804206152<br>Canvas Y: 2210902.8078341424<br>From Canvas X: 6212242.1670179255<br>From Canvas Y: 2210593.3832311262<br>Downstream: F |
| Canopy: None                                                                                                                                                                                                                          | Junction: A<br>Canvas X: 6211473.780788795<br>Canvas Y: 2204940.779488915<br>Downstream: A-B                                                                                      | Route: Lag<br>Lag: 0.30<br>Channel Loss: None                                                                                                                        |
| Surface: None                                                                                                                                                                                                                         | End:                                                                                                                                                                              | Route Sediment: No                                                                                                                                                   |
| LossRate: Initial+Constant<br>Percent Impervious Area: 0.0<br>Initial Loss: 0<br>Constant Loss Rate: 0                                                                                                                                | Reach: A-B<br>Canvas X: 6210569.391854678<br>Canvas Y: 2207165.7867217506<br>From Canvas X:<br>6211473.780788795<br>From Canvas Y:<br>2204940.779488915<br>Downstream: B          | End:                                                                                                                                                                 |
| Transform: User-Specified S-Graph<br>S-graph: S-Graph Foothills<br>Lag: 0.54                                                                                                                                                          | Route: Lag<br>Lag: 0.99<br>Channel Loss: None                                                                                                                                     | Junction: B<br>Canvas X: 6210569.391854678<br>Canvas Y: 2207165.7867217506<br>Downstream: B-C                                                                        |
| Baseflow: None                                                                                                                                                                                                                        | Route Sediment: No                                                                                                                                                                | End:                                                                                                                                                                 |
| Erosion: None                                                                                                                                                                                                                         | End:                                                                                                                                                                              | Junction: C<br>Canvas X: 6211212.17658833<br>Canvas Y: 2208335.2978343675<br>Downstream: C-D                                                                         |
| End:                                                                                                                                                                                                                                  | Reach: B-C<br>Canvas X: 6211212.17658833<br>Canvas Y: 2208335.2978343675<br>From Canvas X:<br>6210569.391854678                                                                   | End:                                                                                                                                                                 |
| Reach: Pac channel 1<br>Canvas X: 6212080.855259467<br>Canvas Y: 2204503.328767402                                                                                                                                                    | Route Sediment: No                                                                                                                                                                | Junction: D<br>Canvas X: 6212131.715860082<br>Canvas Y: 2209424.4608552777<br>Downstream: D-E                                                                        |
|                                                                                                                                                                                                                                       | End:                                                                                                                                                                              | End:                                                                                                                                                                 |
|                                                                                                                                                                                                                                       |                                                                                                                                                                                   | Junction: E<br>Canvas X: 6212242.1670179255                                                                                                                          |

Canvas Y: 2210593.3832311262  
Downstream: E-F  
End:

Junction: F  
Canvas X: 6212206.804206152  
Canvas Y: 2210902.8078341424  
Downstream: F-Temescal 2  
End:

Reach: F-Temescal 2  
Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603  
From Canvas X: 6212206.804206152  
From Canvas Y: 2210902.8078341424  
Downstream: Temescal 2

Route: Lag  
Lag: 0.04  
Channel Loss: None

Route Sediment: No  
End:

Sink: Temescal 2  
Canvas X: 6212002.546963989  
Canvas Y: 2211227.8002253603  
End:

Basin Schematic Properties:  
Last View N: 2211442.090713685  
Last View S: 2194578.195608364  
Last View W: 6194876.123866253  
Last View E: 6221125.1970093  
Maximum View N: 2211442.090713685  
Maximum View S: 2194578.195608364  
Maximum View W: 6194876.123866253  
Maximum View E: 6221125.1970093  
Extent Method: Elements Maps  
Buffer: 0  
Draw Icons: Yes  
Draw Icon Labels: Yes  
Draw Gridlines: Yes  
Draw Flow Direction: Yes  
Fix Element Locations: No  
Map: hec.map.dxf.DxfMap  
Map File Name:  
R:\06\1000\REPORTS\HYDRO\Specific  
Plan\Prop PacificClay-Ridge.dxf  
Map Shown: Yes  
End:



## **CONTROL AND RUN DATA**

**Control: 1-hour Event**

Description: 1-hour event  
Last Modified Date: 23 September 2008  
Last Modified Time: 20:35:50  
Start Date: 1 January 2000  
Start Time: 00:00  
End Date: 1 January 2000  
End Time: 12:00  
Time Interval: 5

End:

**Control: 3-hour Event**

Description: 3-hour event  
Last Modified Date: 23 September 2008  
Last Modified Time: 20:36:20  
Start Date: 1 January 2000  
Start Time: 00:00  
End Date: 2 January 2000  
End Time: 00:00  
Time Interval: 5

End:

**Control: 6-hour Event**

Description: 6-hour event  
Last Modified Date: 23 September 2008  
Last Modified Time: 20:36:37  
Start Date: 1 January 2000  
Start Time: 00:00  
End Date: 2 January 2000  
End Time: 12:00  
Time Interval: 5

End:

**Control: 24-hour Event**

Description: 24-hr event  
Last Modified Date: 23 September 2008  
Last Modified Time: 20:36:02  
Start Date: 1 January 2000  
Start Time: 00:00  
End Date: 3 January 2000  
End Time: 00:00  
Time Interval: 15

End:

**Run: Ex-Outlet 1 100yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_1\_100yr\_1hr.log  
Basin: Ex-Outlet 1 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:05:29  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:05:30

End:

**Run: Ex-Outlet 1 100yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_1\_100yr\_3hr.log  
Basin: Ex-Outlet 1 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:06:06  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:06:08

End:

**Run: Ex-Outlet 1 100yr-6hr**

Default Description: Yes

Log File: Ex\_Outlet\_1\_100yr\_6hr.log

Basin: Ex-Outlet 1 AMC II

Precip: 100-year 6-hour

Control: 6-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:06:21

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:06:22

End:

**Run: Ex-Outlet 1 10yr-1hr**

Default Description: Yes

Log File: Ex\_Outlet\_1\_10yr\_1hr.log

Basin: Ex-Outlet 1 AMC II

Precip: 10-year 1-hour

Control: 1-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:06:31

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:06:31

End:

**Run: Ex-Outlet 1 10yr-24hr**

Default Description: Yes

Log File: Ex\_Outlet\_1\_10yr\_24hr.log

Basin: Ex-Outlet 1 AMC II 24-hr

Precip: 10-year 24-hour

Control: 24-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:06:44

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:06:45

End:

**Run: Ex-Outlet 1 10yr-3hr**

Default Description: Yes

Log File: Ex\_Outlet\_1\_10yr\_3hr.log

Basin: Ex-Outlet 1 AMC II

Precip: 10-year 3-hour

Control: 3-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:06:53

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:06:54

End:

**Run: Ex-Outlet 1 10yr-6hr**

Description: Basin:Ex PacArea3 AMC II & Met: 10-year 1-hour &

Control: 1-hour Event

Log File: Ex\_Outlet\_1\_10yr\_6hr.log

Basin: Ex-Outlet 1 AMC II

Precip: 10-year 6-hour

Control: 6-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:07:01

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:07:02

End:

**Run: Ex-Outlet 1 2yr-1hr**

Default Description: Yes

Log File: Ex\_Outlet\_1\_2yr\_1hr.log

Basin: Ex-Outlet 1 AMC I

Precip: 2-year 1-hour

Control: 1-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:07:09

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:07:09

End:

**Run: Ex-Outlet 1 2yr-24hr**

Description: Basin: Ex-PacArea3 AMC I & Met: 2-year 24-hour & Control: 24-hour Event  
Log File: Ex\_Outlet\_1\_2yr\_24hr.log  
Basin: Ex-Outlet 1 AMCI 24hr  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:07:16  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:07:17

End:

**Run: Ex-Outlet 1 2yr-3hr**

Description: Basin: Ex-PacArea3 AMC I & Met: 2-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Outlet\_1\_2yr\_3hr.log  
Basin: Ex-Outlet 1 AMC I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:07:25  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:07:26

End:

**Run: Ex-Outlet 1 2yr-6hr**

Description: Basin: Ex-PacArea3 AMC I & Met: 2-year 6-hour & Control: 6-hour Event  
Log File: Ex\_Outlet\_1\_2yr\_6hr.log  
Basin: Ex-Outlet 1 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:07:33  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:07:33

End:

**Run: Ex-Outlet 1 5yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_1\_5yr\_1hr.log  
Basin: Ex-Outlet 1 AMC I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:07:40  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:07:41

End:

**Run: Ex-Outlet 1 5yr-24hr**

Description: Basin: Ex-PacArea3 AMC I & Met: 5-year 1-hour & Control: 1-hour Event  
Log File: Ex\_Outlet\_1\_5yr\_24hr.log  
Basin: Ex-Outlet 1 AMCI 24hr  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:07:49  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:07:50

End:

**Run: Ex-Outlet 1 5yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_1\_5yr\_3hr.log  
Basin: Ex-Outlet 1 AMC I  
Precip: 5-year 3-hour

Control: 3-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 16:07:58

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 16:07:59

End:

**Run: Ex-Outlet 1 5yr-6hr**

Default Description: Yes  
Log File: Ex\_Outlet\_1\_5yr\_6hr.log  
Basin: Ex-Outlet 1 AMC I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:08:08  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:08:08

End:

**Run: Ex-Outlet 2 100yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_100yr\_1hr.log  
Basin: Ex-Outlet 2 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:36:14  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:36:15

End:

**Run: Ex-Outlet 2 100yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_100yr\_3hr.log  
Basin: Ex-Outlet 2 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:36:38  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:36:40

End:

**Run: Ex-Outlet 2 100yr-6hr**

Description: Basin: Ex-PacArea5 AMC II & Met: 100-year 6-hour & Control: 6-hour Event  
Log File: Ex\_Outlet\_2\_100yr\_6hr.log  
Basin: Ex-Outlet 2 AMC II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:37:45  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:37:47

End:

**Run: Ex-Outlet 2 10yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_10yr\_1hr.log  
Basin: Ex-Outlet 2 AMC II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:38:10  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:38:12

End:

**Run: Ex-Outlet 2 10yr-24hr**

Description: Basin: Ex-PacArea5 AMC II & Met: 10-year 24-hour & Control: 24-hour Event  
Log File: Ex\_Outlet\_2\_10yr\_24hr.log  
Basin: Ex-Outlet 2 AMC II 24-hr  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:38:50  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:38:53  
End:

**Run: Ex-Outlet 2 10yr-3hr**

Description: Basin: Ex-PacArea5 AMC II & Met: 10-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Outlet\_2\_10yr\_3hr.log  
Basin: Ex-Outlet 2 AMC II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:39:59  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:40:01  
End:

**Run: Ex-Outlet 2 10yr-6hr**

Description: Basin: Ex-PacArea5 AMC II & Met: 10-year 6-hour & Control: 6-hour Event  
Log File: Ex\_Outlet\_2\_10yr\_6hr.log  
Basin: Ex-Outlet 2 AMC II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:40:24  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:40:25  
End:

**Run: Ex-Outlet 2 2yr-1hr**

Description: Basin: Ex-PacArea5 AMC I & Met: 2-year 1-hour & Control: 1-hour Event  
Log File: Ex\_Outlet\_2\_2yr\_1hr.log  
Basin: Ex-Outlet 2 AMC I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:41:47  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:41:49  
End:

**Run: Ex-Outlet 2 2yr-24hr**

Description: Basin: Ex-PacArea5 AMC I & Met: 2-year 24-hour & Control: 24-hour Event  
Log File: Ex\_Outlet\_2\_2yr\_24hr.log  
Basin: Ex-Outlet 2 AMC I 24-hr  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:42:14  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:42:16  
End:

**Run: Ex-Outlet 2 2yr-3hr**

Description: Basin: Ex-PacArea5 AMC I & Met: 2-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Outlet\_2\_2yr\_3hr.log  
Basin: Ex-Outlet 2 AMC I  
Precip: 2-year 3-hour

Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:45:05  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:45:06  
End:

**Run: Ex-Outlet 2 2yr-6hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_2yr\_6hr.log  
Basin: Ex-Outlet 2 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:45:27  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:45:28  
End:

**Run: Ex-Outlet 2 5yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_5yr\_1hr.log  
Basin: Ex-Outlet 2 AMC I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:45:51  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:45:52  
End:

**Run: Ex-Outlet 2 5yr-24hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_5yr\_24hr.log  
Basin: Ex-Outlet 2 AMC I 24-hr  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:46:25  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:46:29  
End:

**Run: Ex-Outlet 2 5yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_5yr\_3hr.log  
Basin: Ex-Outlet 2 AMC I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:47:51  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:47:52  
End:

**Run: Ex-Outlet 2 5yr-6hr**

Default Description: Yes  
Log File: Ex\_Outlet\_2\_5yr\_6hr.log  
Basin: Ex-Outlet 2 AMC I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 18:49:04  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 18:49:06  
End:

**Run: Ex-Outlet 3 100yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_100yr\_1hr.log

Basin: Ex-Outlet 3 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:42:39  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:42:44  
End:

**Run: Ex-Outlet 3 100yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_100yr\_3hr.log  
Basin: Ex-Outlet 3 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:43:36  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:43:38  
End:

**Run: Ex-Outlet 3 100yr-6hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_100yr\_6hr.log  
Basin: Ex-Outlet 3 AMC II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:44:22  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:44:29  
End:

**Run: Ex-Outlet 3 10yr-1hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_10yr\_1hr.log  
Basin: Ex-Outlet 3 AMC II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:45:27  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:45:32  
End:

**Run: Ex-Outlet 3 10yr-24hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_10yr\_24hr.log  
Basin: Ex-Outlet 3 AMC II 24-hr  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:46:52  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:47:03  
End:

**Run: Ex-Outlet 3 10yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_10yr\_3hr.log  
Basin: Ex-Outlet 3 AMC II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:50:48  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:50:57  
End:

**Run: Ex-Outlet 3 10yr-6hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_10yr\_6hr.log  
Basin: Ex-Outlet 3 AMC II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 21:27:23  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 21:27:25  
End:

**Run: Ex-Outlet 3 2yr-1hr**

Description: Basin: Ex-PacArea6 AMC II & Met: 2-year 1-hour &  
Control: 1-hour Event  
Log File: Ex\_Outlet\_3\_2yr\_1hr.log  
Basin: Ex-Outlet 3 AMC I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:19:32  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:19:34  
End:

**Run: Ex-Outlet 3 2yr-24hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_2yr\_24hr.log  
Basin: Ex-Outlet 3 AMC I 24-hr  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:19:53  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:19:55  
End:

**Run: Ex-Outlet 3 2yr-3hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_2yr\_3hr.log  
Basin: Ex-Outlet 3 AMC I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:20:13  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:20:15  
End:

**Run: Ex-Outlet 3 2yr-6hr**

Default Description: Yes  
Log File: Ex\_Outlet\_3\_2yr\_6hr.log  
Basin: Ex-Outlet 3 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:20:32  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:20:33  
End:

**Run: Ex-Outlet 3 5yr-1hr**

Description: Basin: Ex-PacArea6 AMC I & Met: 5-year 1-hour &  
Control: 1-hour Event  
Log File: Ex\_Outlet\_3\_5yr\_1hr.log  
Basin: Ex-Outlet 3 AMC I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:20:50  
Basin Last Execution Date: 25 September 2008

Basin Last Execution Time: 23:20:51  
End:

**Run: Ex-Outlet 3 5yr-24hr**

Description: Basin: Ex-PacArea6 AMC I & Met: 5-year 24-hour & Control: 24-hour Event  
Log File: Ex\_Outlet\_3\_5yr\_24hr.log  
Basin: Ex-Outlet 3 AMC I 24-hr  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:21:39  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:21:41  
End:

**Run: Ex-Outlet 3 5yr-3hr**

Description: Basin: Ex-PacArea6 AMC I & Met: 5-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Outlet\_3\_5yr\_3hr.log  
Basin: Ex-Outlet 3 AMC I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:22:02  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:22:03  
End:

**Run: Ex-Outlet 3 5yr-6hr**

Description: Basin: Ex-PacArea6 AMC I & Met: 5-year 6-hour & Control: 6-hour Event  
Log File: Ex\_Outlet\_3\_5yr\_6hr.log  
Basin: Ex-Outlet 3 AMC I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 23:22:51  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 23:22:53  
End:

**Run: Ex-Temescal 1 100yr-1hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_100yr\_1hr.log  
Basin: Ex-Temescal 1-100yr-1hr II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:24:18  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:24:22  
End:

**Run: Ex-Temescal 1 100yr-3hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_100yr\_3hr.log  
Basin: Ex-Temescal 1-100yr-3hr II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:24:57  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:25:01  
End:

**Run: Ex-Temescal 1 100yr-6hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_100yr\_6hr.log  
Basin: Ex-Temescal 1-100yr-6hr II

Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:25:24  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:25:28  
End:

**Run: Ex-Temescal 1 10yr-1hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_10yr\_1hr.log  
Basin: Ex-Temescal 1-10yr-1hr II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:15:35  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:15:39  
End:

**Run: Ex-Temescal 1 10yr-24hr**

Description: Basin: Ex-Area4 AMC II & Met: 10-year 24-hour & Control: 24-hour Event  
Log File: Ex\_Temescal\_1\_10yr\_24hr.log  
Basin: Ex-Temescal 1-10yr-24hr II  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 16:19:23  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 16:19:29  
End:

**Run: Ex-Temescal 1 10yr-3hr**

Description: Basin: Ex-Area4 AMC II & Met: 10-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Temescal\_1\_10yr\_3hr.log  
Basin: Ex-Temescal 1-10yr-3hr II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:27:03  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:27:07  
End:

**Run: Ex-Temescal 1 10yr-6hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_10yr\_6hr.log  
Basin: Ex-Temescal 1-10yr-6hr II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:27:33  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:27:37  
End:

**Run: Ex-Temescal 1 2yr-1hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_2yr\_1hr.log  
Basin: Ex-Temescal 1-2yr-1hr I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:28:04  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:28:07  
End:

**Run: Ex-Temescal 1 2yr-24hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_2yr\_24hr.log  
Basin: Ex-Temescal 1-2yr-24hr I  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 26 September 2008  
Precip Last Execution Time: 21:32:08  
Basin Last Execution Date: 26 September 2008  
Basin Last Execution Time: 21:32:15  
End:

**Run: Ex-Temescal 1 2yr-3hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_2yr\_3hr.log  
Basin: Ex-Temescal 1-2yr-3hr I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:02:06  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:02:17  
End:

**Run: Ex-Temescal 1 2yr-6hr**

Description: Basin: Ex-Area4 AMC I & Met: 2-year 6-hour &  
Control: 6-hour Event  
Log File: Ex\_Temescal\_1\_2yr\_6hr.log  
Basin: Ex-Temescal 1-2yr-6hr I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:35:31  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:35:35  
End:

**Run: Ex-Temescal 1 5yr-1hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_5yr\_1hr.log  
Basin: Ex-Temescal 1-5yr-1hr I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:37:25  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:37:29  
End:

**Run: Ex-Temescal 1 5yr-24hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_5yr\_24hr.log  
Basin: Ex-Temescal 1-5yr-24hr I  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 26 September 2008  
Precip Last Execution Time: 21:33:08  
Basin Last Execution Date: 26 September 2008  
Basin Last Execution Time: 21:33:13  
End:

**Run: Ex-Temescal 1 5yr-3hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_5yr\_3hr.log  
Basin: Ex-Temescal 1-5yr-3hr I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:38:26  
Basin Last Execution Date: 23 September 2008

Basin Last Execution Time: 21:38:29  
End:

**Run: Ex-Temescal 1 5yr-6hr**

Default Description: Yes  
Log File: Ex\_Temescal\_1\_5yr\_6hr.log  
Basin: Ex-Temescal 1-5yr-6hr I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:38:53  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:38:57  
End:

**Run: Ex-Temescal 2 100yr-1hr**

Default Description: Yes  
Log File: Ex\_Temescal\_2\_100yr\_1hr.log  
Basin: Ex-Temescal 2 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:39:32  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:39:33  
End:

**Run: Ex-Temescal 2 100yr-3hr**

Description: Basin: Ex-Temescal AMC II & Met: 100-year 3-hour &  
Control: 3-hour Event  
Log File: Ex\_Temescal\_2\_100yr\_3hr.log  
Basin: Ex-Temescal 2 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:39:43  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:39:45  
End:

**Run: Ex-Temescal 2 100yr-6hr**

Default Description: Yes  
Log File: Ex\_Temescal\_2\_100yr\_6hr.log  
Basin: Ex-Temescal 2 AMC II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:39:57  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:39:59  
End:

**Run: Ex-Temescal 2 10yr-1hr**

Description: Basin: Ex-Temescal AMC II & Met: 10-year 1-hour &  
Control: 1-hour Event  
Log File: Ex\_Temescal\_2\_10yr\_1hr.log  
Basin: Ex-Temescal 2 AMC II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:19:45  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:19:47  
End:

**Run: Ex-Temescal 2 10yr-24hr**

Description: Basin: Ex-Temescal AMC II & Met: 10-year 24-hour &  
Control: 24-hour Event  
Log File: Ex\_Temescal\_2\_10yr\_24hr.log  
Basin: Ex-Temescal 2 AMC II 24

Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:40:26  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:40:28  
End:

**Run: Ex-Temescal 2 10yr-3hr**

Description: Basin: Ex-Temescal AMC II & Met: 10-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Temescal\_2\_10yr\_3hr.log  
Basin: Ex-Temescal 2 AMC II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:40:38  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:40:39  
End:

**Run: Ex-Temescal 2 10yr-6hr**

Description: Basin: Ex-Temescal AMC II & Met: 10-year 6-hour & Control: 6-hour Event  
Log File: Ex\_Temescal\_2\_10yr\_6hr.log  
Basin: Ex-Temescal 2 AMC II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:40:49  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:40:50  
End:

**Run: Ex-Temescal 2 2yr-1hr**

Default Description: Yes  
Log File: Ex\_Temescal\_2\_2yr\_1hr.log  
Basin: Ex-Temescal 2 AMC I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:40:59  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:41:01  
End:

**Run: Ex-Temescal 2 2yr-24hr**

Default Description: Yes  
Log File: Ex\_Temescal\_2\_2yr\_24hr.log  
Basin: Ex-Temescal 2 AMC I 24-hr  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 26 September 2008  
Precip Last Execution Time: 21:30:19  
Basin Last Execution Date: 26 September 2008  
Basin Last Execution Time: 21:30:21  
End:

**Run: Ex-Temescal 2 2yr-3hr**

Default Description: Yes  
Log File: Ex\_Temescal\_2\_2yr\_3hr.log  
Basin: Ex-Temescal 2 AMC I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:41:21  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:41:22  
End:

**Run: Ex-Temescal 2 2yr-6hr**

Default Description: Yes  
Log File: Ex\_Temescal\_2\_2yr\_6hr.log  
Basin: Ex-Temescal 2 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:41:33  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:41:35  
End:

**Run: Ex-Temescal 2 5yr-1hr**

Description: Basin: Ex-Temescal AMC I & Met: 5-year 1-hour & Control: 1-hour Event  
Log File: Ex\_Temescal\_2\_5yr\_1hr.log  
Basin: Ex-Temescal 2 AMC I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:41:45  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:41:46  
End:

**Run: Ex-Temescal 2 5yr-24hr**

Description: Basin: Ex-Temescal AMC I & Met: 5-year 24-hour & Control: 24-hour Event  
Log File: Ex\_Temescal\_2\_5yr\_24hr.log  
Basin: Ex-Temescal 2 AMC I 24-hr  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 26 September 2008  
Precip Last Execution Time: 21:29:06  
Basin Last Execution Date: 26 September 2008  
Basin Last Execution Time: 21:29:09  
End:

**Run: Ex-Temescal 2 5yr-3hr**

Description: Basin: Ex-Temescal AMC I & Met: 5-year 3-hour & Control: 3-hour Event  
Log File: Ex\_Temescal\_2\_5yr\_3hr.log  
Basin: Ex-Temescal 2 AMC I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:42:13  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:42:14  
End:

**Run: Ex-Temescal 2 5yr-6hr**

Description: Basin: Ex-Temescal AMC I & Met: 5-year 6-hour & Control: 6-hour Event  
Log File: Ex\_Temescal\_2\_5yr\_6hr.log  
Basin: Ex-Temescal 2 AMC I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:42:24  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:42:25  
End:

**Run: Pr-Outlet1 100yr-1hr**

Default Description: Yes  
Log File: Pr\_Outlet1\_100yr\_1hr.log  
Basin: Pr-Outlet 1 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event



Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:42:33  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:42:34  
End:

**Run: Pr-Outlet1 100yr-3hr**

Default Description: Yes  
Log File: Pr\_Outlet1\_100yr\_3hr.log  
Basin: Pr-Outlet 1 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:42:40  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:42:40  
End:

**Run: Pr-Outlet1 100yr-6hr**

Description: Basin: Prop-Outlet 1 AMC II & Met: 100-year 6-hour & Control: 6-hour Event  
Log File: Pr\_Outlet1\_100yr\_6hr.log  
Basin: Pr-Outlet 1 AMC II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:42:46  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:42:47  
End:

**Run: Pr-Outlet1 10yr-1hr**

Description: Basin: Prop-Outlet 1 AMC II & Met: 10-year 1-hour & Control: 1-hour Event  
Log File: Pr\_Outlet1\_10yr\_1hr.log  
Basin: Pr-Outlet 1 AMC II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:06:34  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:06:35  
End:

**Run: Pr-Outlet1 10yr-24hr**

Description: Basin: Prop-Outlet 1 AMC II & Met: 10-year 24-hour & Control: 24-hour Event  
Log File: Pr\_Outlet1\_10yr\_24hr.log  
Basin: Pr-Outlet 1 AMC II 24-hour  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:43:11  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:43:12  
End:

**Run: Pr-Outlet1 10yr-3hr**

Description: Basin: Prop-Outlet 1 AMC II & Met: 10-year 3-hour & Control: 3-hour Event  
Log File: Pr\_Outlet1\_10yr\_3hr.log  
Basin: Pr-Outlet 1 AMC II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 21:43:19  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 21:43:20  
End:

**Run: Pr-Outlet1 10yr-6hr**

Description: Basin: Prop-Outlet 1 AMC II & Met: 10-year 6-hour & Control: 6-hour Event  
Log File: Pr\_Outlet1\_10yr\_6hr.log  
Basin: Pr-Outlet 1 AMC II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:27:56  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:27:57  
End:

**Run: Pr-Outlet1 2yr-1hr**

Default Description: Yes  
Log File: Pr\_Outlet1\_2yr\_1hr.log  
Basin: Pr-Outlet 1 AMC I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:29:58  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:30:00  
End:

**Run: Pr-Outlet1 2yr-24hr**

Description: Basin: Prop-Outlet 1 AMC I & Met: 2-year 24-hour & Control: 24-hour Event  
Log File: Pr\_Outlet1\_2yr\_24hr.log  
Basin: Pr-Outlet 1 AMC I 24-hour  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:30:09  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:30:10  
End:

**Run: Pr-Outlet1 2yr-3hr**

Description: Basin: Prop-Outlet 1 AMC I & Met: 2-year 3-hour & Control: 3-hour Event  
Log File: Pr\_Outlet1\_2yr\_3hr.log  
Basin: Pr-Outlet 1 AMC I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:30:28  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:30:29  
End:

**Run: Pr-Outlet1 2yr-6hr**

Description: Basin: Prop-Outlet 1 AMC I & Met: 2-year 6-hour & Control: 6-hour Event  
Log File: Pr\_Outlet1\_2yr\_6hr.log  
Basin: Pr-Outlet 1 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:30:47  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:30:48  
End:

**Run: Pr-Outlet1 5yr-1hr**

Default Description: Yes  
Log File: Pr\_Outlet1\_5yr\_1hr.log  
**Basin: Pr-Outlet 1 AMC I**  
Precip: 5-year 1-hour  
Control: 1-hour Event

Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:31:07  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:31:08

End:

**Run: Pr-Outlet1 5yr-24hr**

Default Description: Yes  
Log File: Pr\_Outlet1\_5yr\_24hr.log  
Basin: Pr-Outlet 1 AMC I 24-hour  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:07:14  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:07:14

End:

**Run: Pr-Outlet1 5yr-3hr**

Description: Basin: Prop-Outlet 1 AMC I & Met: 5-year 3-hour & Control: 3-hour Event  
Log File: Pr\_Outlet1\_5yr\_3hr.log  
Basin: Pr-Outlet 1 AMC I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:31:33  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:31:34

End:

**Run: Pr-Outlet1 5yr-6hr**

Description: Basin: Prop-Outlet 1 AMC I & Met: 5-year 6-hour & Control: 6-hour Event  
Log File: Pr\_Outlet1\_5yr\_6hr.log  
Basin: Pr-Outlet 1 AMC I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 23 September 2008  
Precip Last Execution Time: 23:31:44  
Basin Last Execution Date: 23 September 2008  
Basin Last Execution Time: 23:31:45

End:

**Run: Pr-Outlet2 100yr-1hr**

Description: Basin: Prop-Outlet 2 AMC II & Met: 100-year 1-hour & Control: 1-hour Event  
Log File: Pr\_Outlet2\_100yr\_1hr.log  
Basin: Pr-Outlet 2 AMCII  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:07:46  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:07:50

End:

**Run: Pr-Outlet2 100yr-3hr**

Description: Basin: Prop-Outlet 2 AMC II & Met: 100-year 3-hour & Control: 3-hour Event  
Log File: Pr\_Outlet2\_100yr\_3hr.log  
Basin: Pr-Outlet 2 AMCII  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:08:12  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:08:15

End:

**Run: Pr-Outlet2 100yr-6hr**

Description: Basin: Prop-Outlet 2 AMC II & Met: 100-year 6-hour & Control: 6-hour Event  
Log File: Pr\_Outlet2\_100yr\_6hr.log  
Basin: Pr-Outlet 2 AMCII  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:08:39  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:08:41

End:

**Run: Pr-Outlet2 10yr-1hr**

Description: Basin: Prop-Outlet 2 AMCII & Met: 10-year 1-hour & Control: 1-hour Event  
Log File: Pr\_Outlet2\_10yr\_1hr.log  
Basin: Pr-Outlet 2 AMCII  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:09:04  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:09:06

End:

**Run: Pr-Outlet2 10yr-24hr**

Default Description: Yes  
Log File: Pr\_Outlet2\_10yr\_24hr.log  
Basin: Pr-Outlet 2 AMCII 24-hour  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:09:30  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:09:36

End:

**Run: Pr-Outlet2 10yr-3hr**

Description: Basin: Prop-Outlet 2 AMCII & Met: 10-year 3-hour & Control: 3-hour Event  
Log File: Pr\_Outlet2\_10yr\_3hr.log  
Basin: Pr-Outlet 2 AMCII  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:09:58  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:10:00

End:

**Run: Pr-Outlet2 10yr-6hr**

Description: Basin: Prop-Outlet 2 AMCII & Met: 10-year 6-hour & Control: 6-hour Event  
Log File: Pr\_Outlet2\_10yr\_6hr.log  
Basin: Pr-Outlet 2 AMCII  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:10:23  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:10:25

End:

**Run: Pr-Outlet2 2yr-1hr**

Description: Basin: Prop-Outlet 2 AMCI & Met: 2-year 1-hour & Control: 1-hour Event  
Log File: Pr\_Outlet2\_2yr\_1hr.log

Basin: Pr-Outlet 2 AMCI  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:10:47  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:10:49  
End:

**Run: Pr-Outlet2 2yr-24hr**  
Default Description: Yes  
Log File: Pr\_Outlet2\_2yr\_24hr.log  
Basin: Pr-Outlet 2 AMCI 24-hour  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:11:12  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:11:17  
End:

**Run: Pr-Outlet2 2yr-3hr**  
Default Description: Yes  
Log File: Pr\_Outlet2\_2yr\_3hr.log  
Basin: Pr-Outlet 2 AMCI  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:11:47  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:11:50  
End:

**Run: Pr-Outlet2 2yr-6hr**  
Default Description: Yes  
Log File: Pr\_Outlet2\_2yr\_6hr.log  
Basin: Pr-Outlet 2 AMCI  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:12:24  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:12:27  
End:

**Run: Pr-Outlet2 5yr-1hr**  
Default Description: Yes  
Log File: Pr\_Outlet2\_5yr\_1hr.log  
Basin: Pr-Outlet 2 AMCI  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:12:50  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:12:53  
End:

**Run: Pr-Outlet2 5yr-24hr**  
Default Description: Yes  
Log File: Pr\_Outlet2\_5yr\_24hr.log  
Basin: Pr-Outlet 2 AMCI 24-hour  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:13:18  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:13:22  
End:

**Run: Pr-Outlet2 5yr-3hr**

Default Description: Yes  
Log File: Pr\_Outlet2\_5yr\_3hr.log  
Basin: Pr-Outlet 2 AMCI  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:13:43  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:13:46  
End:

**Run: Pr-Outlet2 5yr-6hr**  
Default Description: Yes  
Log File: Pr\_Outlet2\_5yr\_6hr.log  
Basin: Pr-Outlet 2 AMCI  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:14:10  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:14:12  
End:

**Run: Pr-Outlet3 100yr-1hr**  
Default Description: Yes  
Log File: Pr\_Outlet3\_100yr\_1hr.log  
Basin: Pr-Outlet 3 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:09:14  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:09:15  
End:

**Run: Pr-Outlet3 100yr-3hr**  
Default Description: Yes  
Log File: Pr\_Outlet3\_100yr\_3hr.log  
Basin: Pr-Outlet 3 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:09:24  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:09:25  
End:

**Run: Pr-Outlet3 100yr-6hr**  
Default Description: Yes  
Log File: Pr\_Outlet3\_100yr\_6hr.log  
Basin: Pr-Outlet 3 AMC II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:09:34  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:09:35  
End:

**Run: Pr-Outlet3 10yr-1hr**  
Default Description: Yes  
Log File: Pr\_Outlet3\_10yr\_1hr.log  
Basin: Pr-Outlet 3 AMC II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:09:45  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:09:46  
End:

**Run: Pr-Outlet3 10yr-24hr**

Description: Basin: Prop-Outlet 3 AMC II & Met: 10-year 24-hour & Control: 24-hour Event  
Log File: Pr\_Outlet3\_10yr\_24hr.log  
Basin: Pr-Outlet 3 AMC II 24-hr  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:09:55  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:09:56  
End:

**Run: Pr-Outlet3 10yr-3hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_10yr\_3hr.log  
Basin: Pr-Outlet 3 AMC II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:10:03  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:10:04  
End:

**Run: Pr-Outlet3 10yr-6hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_10yr\_6hr.log  
Basin: Pr-Outlet 3 AMC II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:10:16  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:10:17  
End:

**Run: Pr-Outlet3 2yr-1hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_2yr\_1hr.log  
Basin: Pr-Outlet 3 AMC I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:10:28  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:10:29  
End:

**Run: Pr-Outlet3 2yr-24hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_2yr\_24hr.log  
Basin: Pr-Outlet 3 AMC I 24-hour  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:10:38  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:10:40  
End:

**Run: Pr-Outlet3 2yr-3hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_2yr\_3hr.log  
Basin: Pr-Outlet 3 AMC I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008

Precip Last Execution Time: 20:10:47

Basin Last Execution Date: 25 September 2008

Basin Last Execution Time: 20:10:48

End:

**Run: Pr-Outlet3 2yr-6hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_2yr\_6hr.log  
Basin: Pr-Outlet 3 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:10:58  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:10:59  
End:

**Run: Pr-Outlet3 5yr-1hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_5yr\_1hr.log  
Basin: Pr-Outlet 3 AMC I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:11:06  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:11:07  
End:

**Run: Pr-Outlet3 5yr-24hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_5yr\_24hr.log  
Basin: Pr-Outlet 3 AMC I 24-hour  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:11:16  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:11:17  
End:

**Run: Pr-Outlet3 5yr-3hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_5yr\_3hr.log  
Basin: Pr-Outlet 3 AMC I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:11:24  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:11:25  
End:

**Run: Pr-Outlet3 5yr-6hr**

Default Description: Yes  
Log File: Pr\_Outlet3\_5yr\_6hr.log  
Basin: Pr-Outlet 3 AMC I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 20:11:34  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 20:11:35  
End:

**Run: Pr-Temescal 1 100yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_100yr\_1hr.log

Basin: Pr-Temescal 1-100yr-1hr II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:21:20  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:21:23  
End:

**Run: Pr-Temescal 1 100yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_100yr\_3hr.log  
Basin: Pr-Temescal 1-100yr-3hr II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:32:00  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:32:04  
End:

**Run: Pr-Temescal 1 100yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_100yr\_6hr.log  
Basin: Pr-Temescal 1-100yr-6hr II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:33:03  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:33:08  
End:

**Run: Pr-Temescal 1 10yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_10yr\_1hr.log  
Basin: Pr-Temescal 1-10yr-1hr II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:22:03  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:22:06  
End:

**Run: Pr-Temescal 1 10yr-24hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_10yr\_24hr.log  
Basin: Pr-Temescal 1-10yr-24hr II  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:30:22  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:30:26  
End:

**Run: Pr-Temescal 1 10yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_10yr\_3hr.log  
Basin: Pr-Temescal 1-10yr-3hr II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:38:10  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:38:13  
End:

**Run: Pr-Temescal 1 10yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_10yr\_6hr.log  
Basin: Pr-Temescal 1-10yr-6hr II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:39:11  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:39:15  
End:

**Run: Pr-Temescal 1 2yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_2yr\_1hr.log  
Basin: Pr-Temescal 1-2yr-1hr I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:30:50  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:30:52  
End:

**Run: Pr-Temescal 1 2yr-24hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_2yr\_24hr.log  
Basin: Pr-Temescal 1-2yr-24hr I  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:33:00  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:33:04  
End:

**Run: Pr-Temescal 1 2yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_2yr\_3hr.log  
Basin: Pr-Temescal 1-2yr-3hr I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:33:42  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:33:45  
End:

**Run: Pr-Temescal 1 2yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_2yr\_6hr.log  
Basin: Pr-Temescal 1-2yr-6hr I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:35:26  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:35:29  
End:

**Run: Pr-Temescal 1 5yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_5yr\_1hr.log  
Basin: Pr-Temescal 1-5yr-1hr I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:51:53  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:52:03  
End:

**Run: Pr-Temescal 1 5yr-24hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_5yr\_24hr.log  
Basin: Pr-Temescal 1-5yr-24hr I  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:22:45  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:22:51  
End:

**Run: Pr-Temescal 1 5yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_5yr\_3hr.log  
Basin: Pr-Temescal 1-5yr-3hr I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:56:00  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:56:09  
End:

**Run: Pr-Temescal 1 5yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_1\_5yr\_6hr.log  
Basin: Pr-Temescal 1-5yr-6hr I  
Precip: 5-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 00:57:59  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 00:58:11  
End:

**Run: Pr-Temescal 2 100yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_100yr\_1hr.log  
Basin: Pr-Temescal 2 AMC II  
Precip: 100-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:01:40  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:01:49  
End:

**Run: Pr-Temescal 2 100yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_100yr\_3hr.log  
Basin: Pr-Temescal 2 AMC II  
Precip: 100-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:36:40  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:36:44  
End:

**Run: Pr-Temescal 2 100yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_100yr\_6hr.log  
Basin: Pr-Temescal 2 AMC II  
Precip: 100-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:42:20  
Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 01:42:24  
End:

**Run: Pr-Temescal 2 10yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_10yr\_1hr.log  
Basin: Pr-Temescal 2 AMC II  
Precip: 10-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:23:37  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:23:40  
End:

**Run: Pr-Temescal 2 10yr-24hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_10yr\_24hr.log  
Basin: Pr-Temescal 2 AMC II 24-hr  
Precip: 10-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:43:47  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:43:53  
End:

**Run: Pr-Temescal 2 10yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_10yr\_3hr.log  
Basin: Pr-Temescal 2 AMC II  
Precip: 10-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:44:39  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:44:43  
End:

**Run: Pr-Temescal 2 10yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_10yr\_6hr.log  
Basin: Pr-Temescal 2 AMC II  
Precip: 10-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:45:25  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:45:28  
End:

**Run: Pr-Temescal 2 2yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_2yr\_1hr.log  
Basin: Pr-Temescal 2 AMC I  
Precip: 2-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:46:01  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:46:04  
End:

**Run: Pr-Temescal 2 2yr-24hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_2yr\_24hr.log  
Basin: Pr-Temescal 2 AMC I 24-hr  
Precip: 2-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 01:49:50  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:49:56

End:

**Run: Pr-Temescal 2 2yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_2yr\_3hr.log  
Basin: Pr-Temescal 2 AMC I  
Precip: 2-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:50:28  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:50:31

End:

**Run: Pr-Temescal 2 2yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_2yr\_6hr.log  
Basin: Pr-Temescal 2 AMC I  
Precip: 2-year 6-hour  
Control: 6-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:54:27  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:54:30

End:

**Run: Pr-Temescal 2 5yr-1hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_5yr\_1hr.log  
Basin: Pr-Temescal 2 AMC I  
Precip: 5-year 1-hour  
Control: 1-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:55:05  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:55:08

End:

**Run: Pr-Temescal 2 5yr-24hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_5yr\_24hr.log  
Basin: Pr-Temescal 2 AMC I 24-hr  
Precip: 5-year 24-hour  
Control: 24-hour Event  
Precip Last Execution Date: 25 September 2008  
Precip Last Execution Time: 18:24:11  
Basin Last Execution Date: 25 September 2008  
Basin Last Execution Time: 18:24:17

End:

**Run: Pr-Temescal 2 5yr-3hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_5yr\_3hr.log  
Basin: Pr-Temescal 2 AMC I  
Precip: 5-year 3-hour  
Control: 3-hour Event  
Precip Last Execution Date: 24 September 2008  
Precip Last Execution Time: 01:57:35  
Basin Last Execution Date: 24 September 2008  
Basin Last Execution Time: 01:57:39

End:

**Run: Pr-Temescal 2 5yr-6hr**

Default Description: Yes  
Log File: Pr\_Temescal\_2\_5yr\_6hr.log  
Basin: Pr-Temescal 2 AMC I  
Precip: 5-year 6-hour

Control: 6-hour Event

Precip Last Execution Date: 24 September 2008

Precip Last Execution Time: 01:58:08

Basin Last Execution Date: 24 September 2008

Basin Last Execution Time: 01:58:11

End:

# F

## HEC-HMS OUTPUT DATA

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## **EXISTING CONDITIONS**

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 100yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 100-year 1-hour  
Compute Time: 23Sep2008, 14:08:12 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 542.1                | 01Jan2000, 01:00 | 22.3           |
| PacArea3           | 0.288                            | 542.1                | 01Jan2000, 01:00 | 22.3           |

| Date      | Time  | Run "Ex-Outlet 1 100yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 6.7                                                                      |
| 01Jan2000 | 00:10 | 21.1                                                                     |
| 01Jan2000 | 00:15 | 58.6                                                                     |
| 01Jan2000 | 00:20 | 80.8                                                                     |
| 01Jan2000 | 00:25 | 98.4                                                                     |
| 01Jan2000 | 00:30 | 116.2                                                                    |
| 01Jan2000 | 00:35 | 136.8                                                                    |
| 01Jan2000 | 00:40 | 162.2                                                                    |
| 01Jan2000 | 00:45 | 200.8                                                                    |
| 01Jan2000 | 00:50 | 295.8                                                                    |
| 01Jan2000 | 00:55 | 396.3                                                                    |
| 01Jan2000 | 01:00 | 542.1                                                                    |
| 01Jan2000 | 01:05 | 349.8                                                                    |
| 01Jan2000 | 01:10 | 235.5                                                                    |
| 01Jan2000 | 01:15 | 153.7                                                                    |
| 01Jan2000 | 01:20 | 108.5                                                                    |
| 01Jan2000 | 01:25 | 79.9                                                                     |
| 01Jan2000 | 01:30 | 57.2                                                                     |
| 01Jan2000 | 01:35 | 40.8                                                                     |
| 01Jan2000 | 01:40 | 28.1                                                                     |
| 01Jan2000 | 01:45 | 18.3                                                                     |
| 01Jan2000 | 01:50 | 11.5                                                                     |
| 01Jan2000 | 01:55 | 8.5                                                                      |
| 01Jan2000 | 02:00 | 7.0                                                                      |
| 01Jan2000 | 02:05 | 4.7                                                                      |
| 01Jan2000 | 02:10 | 3.9                                                                      |
| 01Jan2000 | 02:15 | 3.5                                                                      |
| 01Jan2000 | 02:20 | 3.8                                                                      |

| Date      | Time  | Run "Ex-Outlet 1 100yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 2.3                                                                      |
| 01Jan2000 | 02:30 | 0.8                                                                      |
| 01Jan2000 | 02:35 | 0.2                                                                      |
| 01Jan2000 | 02:40 | 0.0                                                                      |
| 01Jan2000 | 02:45 | 0.0                                                                      |
| 01Jan2000 | 02:50 | 0.0                                                                      |
| 01Jan2000 | 02:55 | 0.0                                                                      |
| 01Jan2000 | 03:00 | 0.0                                                                      |
| 01Jan2000 | 03:05 | 0.0                                                                      |
| 01Jan2000 | 03:10 | 0.0                                                                      |
| 01Jan2000 | 03:15 | 0.0                                                                      |
| 01Jan2000 | 03:20 | 0.0                                                                      |
| 01Jan2000 | 03:25 | 0.0                                                                      |
| 01Jan2000 | 03:30 | 0.0                                                                      |
| 01Jan2000 | 03:35 | 0.0                                                                      |
| 01Jan2000 | 03:40 | 0.0                                                                      |
| 01Jan2000 | 03:45 | 0.0                                                                      |
| 01Jan2000 | 03:50 | 0.0                                                                      |
| 01Jan2000 | 03:55 | 0.0                                                                      |
| 01Jan2000 | 04:00 | 0.0                                                                      |
| 01Jan2000 | 04:05 | 0.0                                                                      |
| 01Jan2000 | 04:10 | 0.0                                                                      |
| 01Jan2000 | 04:15 | 0.0                                                                      |
| 01Jan2000 | 04:20 | 0.0                                                                      |
| 01Jan2000 | 04:25 | 0.0                                                                      |
| 01Jan2000 | 04:30 | 0.0                                                                      |
| 01Jan2000 | 04:35 | 0.0                                                                      |
| 01Jan2000 | 04:40 | 0.0                                                                      |
| 01Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 100yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 100-year 3-hour  
Compute Time: 23Sep2008, 14:08:19 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288               | 320.6                | 01Jan2000, 02:45 | 31.6           |
| PacArea3           | 0.288               | 320.6                | 01Jan2000, 02:45 | 31.6           |

| Date      | Time  | Run "Ex-Outlet 1 100yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 2.8                                                                      |
| 01Jan2000 | 00:10 | 8.6                                                                      |
| 01Jan2000 | 00:15 | 22.8                                                                     |
| 01Jan2000 | 00:20 | 29.9                                                                     |
| 01Jan2000 | 00:25 | 33.1                                                                     |
| 01Jan2000 | 00:30 | 42.6                                                                     |
| 01Jan2000 | 00:35 | 48.4                                                                     |
| 01Jan2000 | 00:40 | 55.7                                                                     |
| 01Jan2000 | 00:45 | 57.0                                                                     |
| 01Jan2000 | 00:50 | 61.8                                                                     |
| 01Jan2000 | 00:55 | 63.3                                                                     |
| 01Jan2000 | 01:00 | 61.1                                                                     |
| 01Jan2000 | 01:05 | 64.5                                                                     |
| 01Jan2000 | 01:10 | 71.4                                                                     |
| 01Jan2000 | 01:15 | 80.8                                                                     |
| 01Jan2000 | 01:20 | 84.7                                                                     |
| 01Jan2000 | 01:25 | 88.1                                                                     |
| 01Jan2000 | 01:30 | 91.0                                                                     |
| 01Jan2000 | 01:35 | 101.5                                                                    |
| 01Jan2000 | 01:40 | 107.8                                                                    |
| 01Jan2000 | 01:45 | 110.4                                                                    |
| 01Jan2000 | 01:50 | 119.6                                                                    |
| 01Jan2000 | 01:55 | 131.7                                                                    |
| 01Jan2000 | 02:00 | 134.1                                                                    |
| 01Jan2000 | 02:05 | 133.9                                                                    |
| 01Jan2000 | 02:10 | 140.6                                                                    |
| 01Jan2000 | 02:15 | 154.6                                                                    |
| 01Jan2000 | 02:20 | 177.3                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 100yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 203.8                                                                    |
| 01Jan2000 | 02:30 | 214.9                                                                    |
| 01Jan2000 | 02:35 | 278.1                                                                    |
| 01Jan2000 | 02:40 | 313.8                                                                    |
| 01Jan2000 | 02:45 | 320.6                                                                    |
| 01Jan2000 | 02:50 | 270.9                                                                    |
| 01Jan2000 | 02:55 | 190.8                                                                    |
| 01Jan2000 | 03:00 | 147.1                                                                    |
| 01Jan2000 | 03:05 | 116.1                                                                    |
| 01Jan2000 | 03:10 | 77.7                                                                     |
| 01Jan2000 | 03:15 | 53.6                                                                     |
| 01Jan2000 | 03:20 | 37.9                                                                     |
| 01Jan2000 | 03:25 | 26.4                                                                     |
| 01Jan2000 | 03:30 | 18.1                                                                     |
| 01Jan2000 | 03:35 | 12.4                                                                     |
| 01Jan2000 | 03:40 | 8.8                                                                      |
| 01Jan2000 | 03:45 | 6.6                                                                      |
| 01Jan2000 | 03:50 | 4.7                                                                      |
| 01Jan2000 | 03:55 | 3.6                                                                      |
| 01Jan2000 | 04:00 | 3.1                                                                      |
| 01Jan2000 | 04:05 | 2.5                                                                      |
| 01Jan2000 | 04:10 | 1.8                                                                      |
| 01Jan2000 | 04:15 | 0.9                                                                      |
| 01Jan2000 | 04:20 | 0.5                                                                      |
| 01Jan2000 | 04:25 | 0.3                                                                      |
| 01Jan2000 | 04:30 | 0.1                                                                      |
| 01Jan2000 | 04:35 | 0.0                                                                      |
| 01Jan2000 | 04:40 | 0.0                                                                      |
| 01Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 100yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 100-year 6-hour  
Compute Time: 23Sep2008, 14:08:37 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 295.6                | 01Jan2000, 05:35 | 41.0           |
| PacArea3           | 0.288                            | 295.6                | 01Jan2000, 05:35 | 41.0           |



| Date      | Time  | Run "Ex-Outlet 1 100yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 0.7                                                                      |
| 01Jan2000 | 00:10 | 2.7                                                                      |
| 01Jan2000 | 00:15 | 7.7                                                                      |
| 01Jan2000 | 00:20 | 12.2                                                                     |
| 01Jan2000 | 00:25 | 14.5                                                                     |
| 01Jan2000 | 00:30 | 16.5                                                                     |
| 01Jan2000 | 00:35 | 18.6                                                                     |
| 01Jan2000 | 00:40 | 22.0                                                                     |
| 01Jan2000 | 00:45 | 23.8                                                                     |
| 01Jan2000 | 00:50 | 25.0                                                                     |
| 01Jan2000 | 00:55 | 25.8                                                                     |
| 01Jan2000 | 01:00 | 26.8                                                                     |
| 01Jan2000 | 01:05 | 28.2                                                                     |
| 01Jan2000 | 01:10 | 31.1                                                                     |
| 01Jan2000 | 01:15 | 32.6                                                                     |
| 01Jan2000 | 01:20 | 33.5                                                                     |
| 01Jan2000 | 01:25 | 34.1                                                                     |
| 01Jan2000 | 01:30 | 34.5                                                                     |
| 01Jan2000 | 01:35 | 34.8                                                                     |
| 01Jan2000 | 01:40 | 35.1                                                                     |
| 01Jan2000 | 01:45 | 35.3                                                                     |
| 01Jan2000 | 01:50 | 35.4                                                                     |
| 01Jan2000 | 01:55 | 35.5                                                                     |
| 01Jan2000 | 02:00 | 36.0                                                                     |
| 01Jan2000 | 02:05 | 36.6                                                                     |
| 01Jan2000 | 02:10 | 38.7                                                                     |
| 01Jan2000 | 02:15 | 38.4                                                                     |
| 01Jan2000 | 02:20 | 40.5                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 100yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 41.5                                                                     |
| 01Jan2000 | 02:30 | 42.1                                                                     |
| 01Jan2000 | 02:35 | 42.6                                                                     |
| 01Jan2000 | 02:40 | 42.8                                                                     |
| 01Jan2000 | 02:45 | 43.6                                                                     |
| 01Jan2000 | 02:50 | 44.7                                                                     |
| 01Jan2000 | 02:55 | 47.5                                                                     |
| 01Jan2000 | 03:00 | 48.8                                                                     |
| 01Jan2000 | 03:05 | 49.6                                                                     |
| 01Jan2000 | 03:10 | 50.6                                                                     |
| 01Jan2000 | 03:15 | 52.0                                                                     |
| 01Jan2000 | 03:20 | 55.0                                                                     |
| 01Jan2000 | 03:25 | 56.9                                                                     |
| 01Jan2000 | 03:30 | 59.3                                                                     |
| 01Jan2000 | 03:35 | 64.1                                                                     |
| 01Jan2000 | 03:40 | 69.4                                                                     |
| 01Jan2000 | 03:45 | 74.9                                                                     |
| 01Jan2000 | 03:50 | 78.6                                                                     |
| 01Jan2000 | 03:55 | 83.5                                                                     |
| 01Jan2000 | 04:00 | 87.0                                                                     |
| 01Jan2000 | 04:05 | 91.8                                                                     |
| 01Jan2000 | 04:10 | 95.8                                                                     |
| 01Jan2000 | 04:15 | 101.5                                                                    |
| 01Jan2000 | 04:20 | 108.0                                                                    |
| 01Jan2000 | 04:25 | 114.9                                                                    |
| 01Jan2000 | 04:30 | 121.6                                                                    |
| 01Jan2000 | 04:35 | 128.0                                                                    |
| 01Jan2000 | 04:40 | 132.9                                                                    |
| 01Jan2000 | 04:45 | 139.3                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 100yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 145.9                                                                    |
| 01Jan2000 | 04:55 | 152.2                                                                    |
| 01Jan2000 | 05:00 | 157.1                                                                    |
| 01Jan2000 | 05:05 | 165.4                                                                    |
| 01Jan2000 | 05:10 | 178.4                                                                    |
| 01Jan2000 | 05:15 | 201.3                                                                    |
| 01Jan2000 | 05:20 | 227.3                                                                    |
| 01Jan2000 | 05:25 | 252.1                                                                    |
| 01Jan2000 | 05:30 | 280.5                                                                    |
| 01Jan2000 | 05:35 | 295.6                                                                    |
| 01Jan2000 | 05:40 | 290.5                                                                    |
| 01Jan2000 | 05:45 | 201.7                                                                    |
| 01Jan2000 | 05:50 | 137.7                                                                    |
| 01Jan2000 | 05:55 | 98.2                                                                     |
| 01Jan2000 | 06:00 | 71.2                                                                     |
| 01Jan2000 | 06:05 | 50.1                                                                     |
| 01Jan2000 | 06:10 | 35.2                                                                     |
| 01Jan2000 | 06:15 | 24.7                                                                     |
| 01Jan2000 | 06:20 | 17.0                                                                     |
| 01Jan2000 | 06:25 | 11.5                                                                     |
| 01Jan2000 | 06:30 | 7.8                                                                      |
| 01Jan2000 | 06:35 | 5.8                                                                      |
| 01Jan2000 | 06:40 | 4.6                                                                      |
| 01Jan2000 | 06:45 | 3.4                                                                      |
| 01Jan2000 | 06:50 | 2.7                                                                      |
| 01Jan2000 | 06:55 | 2.2                                                                      |
| 01Jan2000 | 07:00 | 1.8                                                                      |
| 01Jan2000 | 07:05 | 1.1                                                                      |
| 01Jan2000 | 07:10 | 0.4                                                                      |

| Date      | Time  | Run "Ex-Outlet 1 100yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 0.2                                                                      |
| 01Jan2000 | 07:20 | 0.1                                                                      |
| 01Jan2000 | 07:25 | 0.0                                                                      |
| 01Jan2000 | 07:30 | 0.0                                                                      |
| 01Jan2000 | 07:35 | 0.0                                                                      |
| 01Jan2000 | 07:40 | 0.0                                                                      |
| 01Jan2000 | 07:45 | 0.0                                                                      |
| 01Jan2000 | 07:50 | 0.0                                                                      |
| 01Jan2000 | 07:55 | 0.0                                                                      |
| 01Jan2000 | 08:00 | 0.0                                                                      |
| 01Jan2000 | 08:05 | 0.0                                                                      |
| 01Jan2000 | 08:10 | 0.0                                                                      |
| 01Jan2000 | 08:15 | 0.0                                                                      |
| 01Jan2000 | 08:20 | 0.0                                                                      |
| 01Jan2000 | 08:25 | 0.0                                                                      |
| 01Jan2000 | 08:30 | 0.0                                                                      |
| 01Jan2000 | 08:35 | 0.0                                                                      |
| 01Jan2000 | 08:40 | 0.0                                                                      |
| 01Jan2000 | 08:45 | 0.0                                                                      |
| 01Jan2000 | 08:50 | 0.0                                                                      |
| 01Jan2000 | 08:55 | 0.0                                                                      |
| 01Jan2000 | 09:00 | 0.0                                                                      |
| 01Jan2000 | 09:05 | 0.0                                                                      |
| 01Jan2000 | 09:10 | 0.0                                                                      |
| 01Jan2000 | 09:15 | 0.0                                                                      |
| 01Jan2000 | 09:20 | 0.0                                                                      |
| 01Jan2000 | 09:25 | 0.0                                                                      |
| 01Jan2000 | 09:30 | 0.0                                                                      |
| 01Jan2000 | 09:35 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 10yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II

End of Run: 01Jan2000, 12:00 Meteorologic Model: 10-year 1-hour

Compute Time: 24Sep2008, 09:06:31 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 303.7                | 01Jan2000, 01:00 | 12.0           |
| PacArea3           | 0.288                            | 303.7                | 01Jan2000, 01:00 | 12.0           |

| Date      | Time  | Run "Ex-Outlet 1 10yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 3.2                                                                     |
| 01Jan2000 | 00:10 | 10.0                                                                    |
| 01Jan2000 | 00:15 | 28.0                                                                    |
| 01Jan2000 | 00:20 | 39.0                                                                    |
| 01Jan2000 | 00:25 | 48.2                                                                    |
| 01Jan2000 | 00:30 | 57.8                                                                    |
| 01Jan2000 | 00:35 | 69.2                                                                    |
| 01Jan2000 | 00:40 | 83.6                                                                    |
| 01Jan2000 | 00:45 | 105.7                                                                   |
| 01Jan2000 | 00:50 | 160.7                                                                   |
| 01Jan2000 | 00:55 | 219.0                                                                   |
| 01Jan2000 | 01:00 | 303.7                                                                   |
| 01Jan2000 | 01:05 | 192.6                                                                   |
| 01Jan2000 | 01:10 | 127.6                                                                   |
| 01Jan2000 | 01:15 | 83.8                                                                    |
| 01Jan2000 | 01:20 | 59.4                                                                    |
| 01Jan2000 | 01:25 | 43.9                                                                    |
| 01Jan2000 | 01:30 | 31.4                                                                    |
| 01Jan2000 | 01:35 | 22.3                                                                    |
| 01Jan2000 | 01:40 | 15.3                                                                    |
| 01Jan2000 | 01:45 | 10.0                                                                    |
| 01Jan2000 | 01:50 | 6.2                                                                     |
| 01Jan2000 | 01:55 | 4.6                                                                     |
| 01Jan2000 | 02:00 | 3.9                                                                     |
| 01Jan2000 | 02:05 | 2.5                                                                     |
| 01Jan2000 | 02:10 | 2.1                                                                     |
| 01Jan2000 | 02:15 | 2.0                                                                     |
| 01Jan2000 | 02:20 | 2.2                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 10yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 1.3                                                                     |
| 01Jan2000 | 02:30 | 0.4                                                                     |
| 01Jan2000 | 02:35 | 0.1                                                                     |
| 01Jan2000 | 02:40 | 0.0                                                                     |
| 01Jan2000 | 02:45 | 0.0                                                                     |
| 01Jan2000 | 02:50 | 0.0                                                                     |
| 01Jan2000 | 02:55 | 0.0                                                                     |
| 01Jan2000 | 03:00 | 0.0                                                                     |
| 01Jan2000 | 03:05 | 0.0                                                                     |
| 01Jan2000 | 03:10 | 0.0                                                                     |
| 01Jan2000 | 03:15 | 0.0                                                                     |
| 01Jan2000 | 03:20 | 0.0                                                                     |
| 01Jan2000 | 03:25 | 0.0                                                                     |
| 01Jan2000 | 03:30 | 0.0                                                                     |
| 01Jan2000 | 03:35 | 0.0                                                                     |
| 01Jan2000 | 03:40 | 0.0                                                                     |
| 01Jan2000 | 03:45 | 0.0                                                                     |
| 01Jan2000 | 03:50 | 0.0                                                                     |
| 01Jan2000 | 03:55 | 0.0                                                                     |
| 01Jan2000 | 04:00 | 0.0                                                                     |
| 01Jan2000 | 04:05 | 0.0                                                                     |
| 01Jan2000 | 04:10 | 0.0                                                                     |
| 01Jan2000 | 04:15 | 0.0                                                                     |
| 01Jan2000 | 04:20 | 0.0                                                                     |
| 01Jan2000 | 04:25 | 0.0                                                                     |
| 01Jan2000 | 04:30 | 0.0                                                                     |
| 01Jan2000 | 04:35 | 0.0                                                                     |
| 01Jan2000 | 04:40 | 0.0                                                                     |
| 01Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex -Outlet 1 10yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 10-year 3-hour  
Compute Time: 23Sep2008, 14:12:50 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288               | 190.1                | 01Jan2000, 02:45 | 17.3           |
| PacArea3           | 0.288               | 190.1                | 01Jan2000, 02:45 | 17.3           |



| Date      | Time  | Run "Ex -Outlet 1 10yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 1.1                                                                      |
| 01Jan2000 | 00:10 | 3.4                                                                      |
| 01Jan2000 | 00:15 | 8.8                                                                      |
| 01Jan2000 | 00:20 | 11.6                                                                     |
| 01Jan2000 | 00:25 | 12.6                                                                     |
| 01Jan2000 | 00:30 | 17.9                                                                     |
| 01Jan2000 | 00:35 | 21.1                                                                     |
| 01Jan2000 | 00:40 | 25.3                                                                     |
| 01Jan2000 | 00:45 | 25.8                                                                     |
| 01Jan2000 | 00:50 | 28.7                                                                     |
| 01Jan2000 | 00:55 | 29.5                                                                     |
| 01Jan2000 | 01:00 | 28.0                                                                     |
| 01Jan2000 | 01:05 | 30.0                                                                     |
| 01Jan2000 | 01:10 | 34.3                                                                     |
| 01Jan2000 | 01:15 | 40.2                                                                     |
| 01Jan2000 | 01:20 | 42.6                                                                     |
| 01Jan2000 | 01:25 | 44.7                                                                     |
| 01Jan2000 | 01:30 | 46.5                                                                     |
| 01Jan2000 | 01:35 | 53.1                                                                     |
| 01Jan2000 | 01:40 | 57.0                                                                     |
| 01Jan2000 | 01:45 | 58.6                                                                     |
| 01Jan2000 | 01:50 | 64.4                                                                     |
| 01Jan2000 | 01:55 | 71.9                                                                     |
| 01Jan2000 | 02:00 | 73.4                                                                     |
| 01Jan2000 | 02:05 | 73.3                                                                     |
| 01Jan2000 | 02:10 | 77.5                                                                     |
| 01Jan2000 | 02:15 | 86.3                                                                     |
| 01Jan2000 | 02:20 | 100.5                                                                    |

| Date      | Time  | Run "Ex -Outlet 1 10yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 117.1                                                                    |
| 01Jan2000 | 02:30 | 124.0                                                                    |
| 01Jan2000 | 02:35 | 163.5                                                                    |
| 01Jan2000 | 02:40 | 185.9                                                                    |
| 01Jan2000 | 02:45 | 190.1                                                                    |
| 01Jan2000 | 02:50 | 159.0                                                                    |
| 01Jan2000 | 02:55 | 108.9                                                                    |
| 01Jan2000 | 03:00 | 82.0                                                                     |
| 01Jan2000 | 03:05 | 63.7                                                                     |
| 01Jan2000 | 03:10 | 42.5                                                                     |
| 01Jan2000 | 03:15 | 29.7                                                                     |
| 01Jan2000 | 03:20 | 21.0                                                                     |
| 01Jan2000 | 03:25 | 14.6                                                                     |
| 01Jan2000 | 03:30 | 9.9                                                                      |
| 01Jan2000 | 03:35 | 6.8                                                                      |
| 01Jan2000 | 03:40 | 4.8                                                                      |
| 01Jan2000 | 03:45 | 3.6                                                                      |
| 01Jan2000 | 03:50 | 2.6                                                                      |
| 01Jan2000 | 03:55 | 2.0                                                                      |
| 01Jan2000 | 04:00 | 1.8                                                                      |
| 01Jan2000 | 04:05 | 1.5                                                                      |
| 01Jan2000 | 04:10 | 1.0                                                                      |
| 01Jan2000 | 04:15 | 0.5                                                                      |
| 01Jan2000 | 04:20 | 0.2                                                                      |
| 01Jan2000 | 04:25 | 0.1                                                                      |
| 01Jan2000 | 04:30 | 0.1                                                                      |
| 01Jan2000 | 04:35 | 0.0                                                                      |
| 01Jan2000 | 04:40 | 0.0                                                                      |
| 01Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 10yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 10-year 6-hour  
Compute Time: 23Sep2008, 14:10:04 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288               | 180.2                | 01Jan2000, 05:35 | 21.6           |
| PacArea3           | 0.288               | 180.2                | 01Jan2000, 05:35 | 21.6           |

| Date      | Time  | Run "Ex-Outlet 1 10yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 0.0                                                                     |
| 01Jan2000 | 00:10 | 0.2                                                                     |
| 01Jan2000 | 00:15 | 0.5                                                                     |
| 01Jan2000 | 00:20 | 1.4                                                                     |
| 01Jan2000 | 00:25 | 1.9                                                                     |
| 01Jan2000 | 00:30 | 2.5                                                                     |
| 01Jan2000 | 00:35 | 3.3                                                                     |
| 01Jan2000 | 00:40 | 5.1                                                                     |
| 01Jan2000 | 00:45 | 6.0                                                                     |
| 01Jan2000 | 00:50 | 6.5                                                                     |
| 01Jan2000 | 00:55 | 6.9                                                                     |
| 01Jan2000 | 01:00 | 7.5                                                                     |
| 01Jan2000 | 01:05 | 8.4                                                                     |
| 01Jan2000 | 01:10 | 10.2                                                                    |
| 01Jan2000 | 01:15 | 11.1                                                                    |
| 01Jan2000 | 01:20 | 11.7                                                                    |
| 01Jan2000 | 01:25 | 12.0                                                                    |
| 01Jan2000 | 01:30 | 12.3                                                                    |
| 01Jan2000 | 01:35 | 12.5                                                                    |
| 01Jan2000 | 01:40 | 12.6                                                                    |
| 01Jan2000 | 01:45 | 12.7                                                                    |
| 01Jan2000 | 01:50 | 12.8                                                                    |
| 01Jan2000 | 01:55 | 12.9                                                                    |
| 01Jan2000 | 02:00 | 13.2                                                                    |
| 01Jan2000 | 02:05 | 13.6                                                                    |
| 01Jan2000 | 02:10 | 15.0                                                                    |
| 01Jan2000 | 02:15 | 14.7                                                                    |
| 01Jan2000 | 02:20 | 16.1                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 10yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 16.8                                                                    |
| 01Jan2000 | 02:30 | 17.2                                                                    |
| 01Jan2000 | 02:35 | 17.4                                                                    |
| 01Jan2000 | 02:40 | 17.6                                                                    |
| 01Jan2000 | 02:45 | 18.1                                                                    |
| 01Jan2000 | 02:50 | 18.8                                                                    |
| 01Jan2000 | 02:55 | 20.6                                                                    |
| 01Jan2000 | 03:00 | 21.5                                                                    |
| 01Jan2000 | 03:05 | 21.9                                                                    |
| 01Jan2000 | 03:10 | 22.6                                                                    |
| 01Jan2000 | 03:15 | 23.5                                                                    |
| 01Jan2000 | 03:20 | 25.4                                                                    |
| 01Jan2000 | 03:25 | 26.7                                                                    |
| 01Jan2000 | 03:30 | 28.2                                                                    |
| 01Jan2000 | 03:35 | 31.3                                                                    |
| 01Jan2000 | 03:40 | 34.7                                                                    |
| 01Jan2000 | 03:45 | 38.2                                                                    |
| 01Jan2000 | 03:50 | 40.6                                                                    |
| 01Jan2000 | 03:55 | 43.8                                                                    |
| 01Jan2000 | 04:00 | 46.0                                                                    |
| 01Jan2000 | 04:05 | 49.1                                                                    |
| 01Jan2000 | 04:10 | 51.7                                                                    |
| 01Jan2000 | 04:15 | 55.3                                                                    |
| 01Jan2000 | 04:20 | 59.5                                                                    |
| 01Jan2000 | 04:25 | 64.0                                                                    |
| 01Jan2000 | 04:30 | 68.3                                                                    |
| 01Jan2000 | 04:35 | 72.4                                                                    |
| 01Jan2000 | 04:40 | 75.6                                                                    |
| 01Jan2000 | 04:45 | 79.7                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 10yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 83.9                                                                    |
| 01Jan2000 | 04:55 | 88.0                                                                    |
| 01Jan2000 | 05:00 | 91.1                                                                    |
| 01Jan2000 | 05:05 | 96.4                                                                    |
| 01Jan2000 | 05:10 | 104.8                                                                   |
| 01Jan2000 | 05:15 | 119.5                                                                   |
| 01Jan2000 | 05:20 | 136.3                                                                   |
| 01Jan2000 | 05:25 | 152.2                                                                   |
| 01Jan2000 | 05:30 | 170.5                                                                   |
| 01Jan2000 | 05:35 | 180.2                                                                   |
| 01Jan2000 | 05:40 | 176.9                                                                   |
| 01Jan2000 | 05:45 | 119.8                                                                   |
| 01Jan2000 | 05:50 | 78.8                                                                    |
| 01Jan2000 | 05:55 | 54.2                                                                    |
| 01Jan2000 | 06:00 | 38.5                                                                    |
| 01Jan2000 | 06:05 | 27.8                                                                    |
| 01Jan2000 | 06:10 | 19.7                                                                    |
| 01Jan2000 | 06:15 | 13.8                                                                    |
| 01Jan2000 | 06:20 | 9.4                                                                     |
| 01Jan2000 | 06:25 | 6.3                                                                     |
| 01Jan2000 | 06:30 | 4.3                                                                     |
| 01Jan2000 | 06:35 | 3.2                                                                     |
| 01Jan2000 | 06:40 | 2.6                                                                     |
| 01Jan2000 | 06:45 | 1.9                                                                     |
| 01Jan2000 | 06:50 | 1.5                                                                     |
| 01Jan2000 | 06:55 | 1.3                                                                     |
| 01Jan2000 | 07:00 | 1.1                                                                     |
| 01Jan2000 | 07:05 | 0.6                                                                     |
| 01Jan2000 | 07:10 | 0.2                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 10yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 0.0                                                                     |
| 01Jan2000 | 07:20 | 0.0                                                                     |
| 01Jan2000 | 07:25 | 0.0                                                                     |
| 01Jan2000 | 07:30 | 0.0                                                                     |
| 01Jan2000 | 07:35 | 0.0                                                                     |
| 01Jan2000 | 07:40 | 0.0                                                                     |
| 01Jan2000 | 07:45 | 0.0                                                                     |
| 01Jan2000 | 07:50 | 0.0                                                                     |
| 01Jan2000 | 07:55 | 0.0                                                                     |
| 01Jan2000 | 08:00 | 0.0                                                                     |
| 01Jan2000 | 08:05 | 0.0                                                                     |
| 01Jan2000 | 08:10 | 0.0                                                                     |
| 01Jan2000 | 08:15 | 0.0                                                                     |
| 01Jan2000 | 08:20 | 0.0                                                                     |
| 01Jan2000 | 08:25 | 0.0                                                                     |
| 01Jan2000 | 08:30 | 0.0                                                                     |
| 01Jan2000 | 08:35 | 0.0                                                                     |
| 01Jan2000 | 08:40 | 0.0                                                                     |
| 01Jan2000 | 08:45 | 0.0                                                                     |
| 01Jan2000 | 08:50 | 0.0                                                                     |
| 01Jan2000 | 08:55 | 0.0                                                                     |
| 01Jan2000 | 09:00 | 0.0                                                                     |
| 01Jan2000 | 09:05 | 0.0                                                                     |
| 01Jan2000 | 09:10 | 0.0                                                                     |
| 01Jan2000 | 09:15 | 0.0                                                                     |
| 01Jan2000 | 09:20 | 0.0                                                                     |
| 01Jan2000 | 09:25 | 0.0                                                                     |
| 01Jan2000 | 09:30 | 0.0                                                                     |
| 01Jan2000 | 09:35 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex- Outlet 1 10yr-24hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC II 24-hr

End of Run: 03Jan2000, 00:00 Meteorologic Model: 10-year 24-hour

Compute Time: 23Sep2008, 14:09:45 Control Specifications: 24-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 83.0                 | 01Jan2000, 13:30 | 35.8           |
| PacArea3           | 0.288                            | 83.0                 | 01Jan2000, 13:30 | 35.8           |



| Date      | Time  | Run "Ex- Outlet 1 10yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|---------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                       |
| 01Jan2000 | 00:15 | 0.8                                                                       |
| 01Jan2000 | 00:30 | 1.2                                                                       |
| 01Jan2000 | 00:45 | 1.4                                                                       |
| 01Jan2000 | 01:00 | 1.8                                                                       |
| 01Jan2000 | 01:15 | 1.7                                                                       |
| 01Jan2000 | 01:30 | 1.6                                                                       |
| 01Jan2000 | 01:45 | 1.5                                                                       |
| 01Jan2000 | 02:00 | 1.9                                                                       |
| 01Jan2000 | 02:15 | 2.1                                                                       |
| 01Jan2000 | 02:30 | 2.2                                                                       |
| 01Jan2000 | 02:45 | 2.6                                                                       |
| 01Jan2000 | 03:00 | 2.8                                                                       |
| 01Jan2000 | 03:15 | 2.9                                                                       |
| 01Jan2000 | 03:30 | 3.0                                                                       |
| 01Jan2000 | 03:45 | 3.0                                                                       |
| 01Jan2000 | 04:00 | 3.4                                                                       |
| 01Jan2000 | 04:15 | 3.6                                                                       |
| 01Jan2000 | 04:30 | 4.1                                                                       |
| 01Jan2000 | 04:45 | 4.3                                                                       |
| 01Jan2000 | 05:00 | 4.4                                                                       |
| 01Jan2000 | 05:15 | 4.1                                                                       |
| 01Jan2000 | 05:30 | 4.2                                                                       |
| 01Jan2000 | 05:45 | 4.4                                                                       |
| 01Jan2000 | 06:00 | 4.4                                                                       |
| 01Jan2000 | 06:15 | 3.7                                                                       |
| 01Jan2000 | 06:30 | 3.2                                                                       |
| 01Jan2000 | 06:45 | 5.0                                                                       |
| 01Jan2000 | 07:00 | 6.1                                                                       |

| Date      | Time  | Run "Ex- Outlet 1 10yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|---------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 6.9                                                                       |
| 01Jan2000 | 07:30 | 8.8                                                                       |
| 01Jan2000 | 07:45 | 11.8                                                                      |
| 01Jan2000 | 08:00 | 14.9                                                                      |
| 01Jan2000 | 08:15 | 19.8                                                                      |
| 01Jan2000 | 08:30 | 22.4                                                                      |
| 01Jan2000 | 08:45 | 24.9                                                                      |
| 01Jan2000 | 09:00 | 28.0                                                                      |
| 01Jan2000 | 09:15 | 32.7                                                                      |
| 01Jan2000 | 09:30 | 37.1                                                                      |
| 01Jan2000 | 09:45 | 40.6                                                                      |
| 01Jan2000 | 10:00 | 44.2                                                                      |
| 01Jan2000 | 10:15 | 35.0                                                                      |
| 01Jan2000 | 10:30 | 29.1                                                                      |
| 01Jan2000 | 10:45 | 35.3                                                                      |
| 01Jan2000 | 11:00 | 39.4                                                                      |
| 01Jan2000 | 11:15 | 39.3                                                                      |
| 01Jan2000 | 11:30 | 39.3                                                                      |
| 01Jan2000 | 11:45 | 36.2                                                                      |
| 01Jan2000 | 12:00 | 35.9                                                                      |
| 01Jan2000 | 12:15 | 47.6                                                                      |
| 01Jan2000 | 12:30 | 55.9                                                                      |
| 01Jan2000 | 12:45 | 62.7                                                                      |
| 01Jan2000 | 13:00 | 67.5                                                                      |
| 01Jan2000 | 13:15 | 77.3                                                                      |
| 01Jan2000 | 13:30 | 83.0                                                                      |
| 01Jan2000 | 13:45 | 68.0                                                                      |
| 01Jan2000 | 14:00 | 58.5                                                                      |
| 01Jan2000 | 14:15 | 61.9                                                                      |

| Date      | Time  | Run "Ex- Outlet 1 10yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|---------------------------------------------------------------------------|
| 01Jan2000 | 14:30 | 63.1                                                                      |
| 01Jan2000 | 14:45 | 63.2                                                                      |
| 01Jan2000 | 15:00 | 61.7                                                                      |
| 01Jan2000 | 15:15 | 59.5                                                                      |
| 01Jan2000 | 15:30 | 56.9                                                                      |
| 01Jan2000 | 15:45 | 49.5                                                                      |
| 01Jan2000 | 16:00 | 45.3                                                                      |
| 01Jan2000 | 16:15 | 22.5                                                                      |
| 01Jan2000 | 16:30 | 9.2                                                                       |
| 01Jan2000 | 16:45 | 4.3                                                                       |
| 01Jan2000 | 17:00 | 2.4                                                                       |
| 01Jan2000 | 17:15 | 2.3                                                                       |
| 01Jan2000 | 17:30 | 2.7                                                                       |
| 01Jan2000 | 17:45 | 2.8                                                                       |
| 01Jan2000 | 18:00 | 1.4                                                                       |
| 01Jan2000 | 18:15 | 0.5                                                                       |
| 01Jan2000 | 18:30 | 0.2                                                                       |
| 01Jan2000 | 18:45 | 0.8                                                                       |
| 01Jan2000 | 19:00 | 1.3                                                                       |
| 01Jan2000 | 19:15 | 1.4                                                                       |
| 01Jan2000 | 19:30 | 1.1                                                                       |
| 01Jan2000 | 19:45 | 1.2                                                                       |
| 01Jan2000 | 20:00 | 1.4                                                                       |
| 01Jan2000 | 20:15 | 1.5                                                                       |
| 01Jan2000 | 20:30 | 1.5                                                                       |
| 01Jan2000 | 20:45 | 1.5                                                                       |
| 01Jan2000 | 21:00 | 1.5                                                                       |
| 01Jan2000 | 21:15 | 1.5                                                                       |
| 01Jan2000 | 21:30 | 1.5                                                                       |

| Date      | Time  | Run "Ex- Outlet 1 10yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|---------------------------------------------------------------------------|
| 01Jan2000 | 21:45 | 1.5                                                                       |
| 01Jan2000 | 22:00 | 1.5                                                                       |
| 01Jan2000 | 22:15 | 1.5                                                                       |
| 01Jan2000 | 22:30 | 1.5                                                                       |
| 01Jan2000 | 22:45 | 1.5                                                                       |
| 01Jan2000 | 23:00 | 1.5                                                                       |
| 01Jan2000 | 23:15 | 1.5                                                                       |
| 01Jan2000 | 23:30 | 1.5                                                                       |
| 01Jan2000 | 23:45 | 1.5                                                                       |
| 02Jan2000 | 00:00 | 3.8                                                                       |
| 02Jan2000 | 00:15 | 2.1                                                                       |
| 02Jan2000 | 00:30 | 0.7                                                                       |
| 02Jan2000 | 00:45 | 0.3                                                                       |
| 02Jan2000 | 01:00 | 0.1                                                                       |
| 02Jan2000 | 01:15 | 0.0                                                                       |
| 02Jan2000 | 01:30 | 0.0                                                                       |
| 02Jan2000 | 01:45 | 0.0                                                                       |
| 02Jan2000 | 02:00 | 0.0                                                                       |
| 02Jan2000 | 02:15 | 0.0                                                                       |
| 02Jan2000 | 02:30 | 0.0                                                                       |
| 02Jan2000 | 02:45 | 0.0                                                                       |
| 02Jan2000 | 03:00 | 0.0                                                                       |
| 02Jan2000 | 03:15 | 0.0                                                                       |
| 02Jan2000 | 03:30 | 0.0                                                                       |
| 02Jan2000 | 03:45 | 0.0                                                                       |
| 02Jan2000 | 04:00 | 0.0                                                                       |
| 02Jan2000 | 04:15 | 0.0                                                                       |
| 02Jan2000 | 04:30 | 0.0                                                                       |
| 02Jan2000 | 04:45 | 0.0                                                                       |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 5yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC I  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 5-year 1-hour  
Compute Time: 23Sep2008, 14:14:35 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288               | 217.6                | 01Jan2000, 01:00 | 7.2            |
| PacArea3           | 0.288               | 217.6                | 01Jan2000, 01:00 | 7.2            |

| Date      | Time  | Run "Ex-Outlet 1 5yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.7                                                                    |
| 01Jan2000 | 00:10 | 2.3                                                                    |
| 01Jan2000 | 00:15 | 6.6                                                                    |
| 01Jan2000 | 00:20 | 10.7                                                                   |
| 01Jan2000 | 00:25 | 15.3                                                                   |
| 01Jan2000 | 00:30 | 21.2                                                                   |
| 01Jan2000 | 00:35 | 29.1                                                                   |
| 01Jan2000 | 00:40 | 39.8                                                                   |
| 01Jan2000 | 00:45 | 57.1                                                                   |
| 01Jan2000 | 00:50 | 101.4                                                                  |
| 01Jan2000 | 00:55 | 148.7                                                                  |
| 01Jan2000 | 01:00 | 217.6                                                                  |
| 01Jan2000 | 01:05 | 128.7                                                                  |
| 01Jan2000 | 01:10 | 79.4                                                                   |
| 01Jan2000 | 01:15 | 53.9                                                                   |
| 01Jan2000 | 01:20 | 38.9                                                                   |
| 01Jan2000 | 01:25 | 28.9                                                                   |
| 01Jan2000 | 01:30 | 20.6                                                                   |
| 01Jan2000 | 01:35 | 14.6                                                                   |
| 01Jan2000 | 01:40 | 10.0                                                                   |
| 01Jan2000 | 01:45 | 6.4                                                                    |
| 01Jan2000 | 01:50 | 3.9                                                                    |
| 01Jan2000 | 01:55 | 3.0                                                                    |
| 01Jan2000 | 02:00 | 2.6                                                                    |
| 01Jan2000 | 02:05 | 1.6                                                                    |
| 01Jan2000 | 02:10 | 1.4                                                                    |
| 01Jan2000 | 02:15 | 1.3                                                                    |
| 01Jan2000 | 02:20 | 1.5                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 5yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 0.9                                                                    |
| 01Jan2000 | 02:30 | 0.2                                                                    |
| 01Jan2000 | 02:35 | 0.0                                                                    |
| 01Jan2000 | 02:40 | 0.0                                                                    |
| 01Jan2000 | 02:45 | 0.0                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.0                                                                    |
| 01Jan2000 | 03:55 | 0.0                                                                    |
| 01Jan2000 | 04:00 | 0.0                                                                    |
| 01Jan2000 | 04:05 | 0.0                                                                    |
| 01Jan2000 | 04:10 | 0.0                                                                    |
| 01Jan2000 | 04:15 | 0.0                                                                    |
| 01Jan2000 | 04:20 | 0.0                                                                    |
| 01Jan2000 | 04:25 | 0.0                                                                    |
| 01Jan2000 | 04:30 | 0.0                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 5yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC I  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 5-year 3-hour  
Compute Time: 23Sep2008, 14:14:49 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 130.8                | 01Jan2000, 02:45 | 8.0            |
| PacArea3           | 0.288                            | 130.8                | 01Jan2000, 02:45 | 8.0            |



| Date      | Time  | Run "Ex-Outlet 1 5yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.7                                                                    |
| 01Jan2000 | 01:10 | 2.2                                                                    |
| 01Jan2000 | 01:15 | 5.9                                                                    |
| 01Jan2000 | 01:20 | 7.4                                                                    |
| 01Jan2000 | 01:25 | 8.7                                                                    |
| 01Jan2000 | 01:30 | 10.0                                                                   |
| 01Jan2000 | 01:35 | 15.3                                                                   |
| 01Jan2000 | 01:40 | 18.4                                                                   |
| 01Jan2000 | 01:45 | 19.7                                                                   |
| 01Jan2000 | 01:50 | 24.4                                                                   |
| 01Jan2000 | 01:55 | 30.8                                                                   |
| 01Jan2000 | 02:00 | 32.0                                                                   |
| 01Jan2000 | 02:05 | 31.9                                                                   |
| 01Jan2000 | 02:10 | 35.4                                                                   |
| 01Jan2000 | 02:15 | 42.8                                                                   |
| 01Jan2000 | 02:20 | 54.9                                                                   |

| Date      | Time  | Run "Ex-Outlet 1 5yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 68.9                                                                   |
| 01Jan2000 | 02:30 | 74.7                                                                   |
| 01Jan2000 | 02:35 | 108.2                                                                  |
| 01Jan2000 | 02:40 | 127.2                                                                  |
| 01Jan2000 | 02:45 | 130.8                                                                  |
| 01Jan2000 | 02:50 | 104.5                                                                  |
| 01Jan2000 | 02:55 | 62.1                                                                   |
| 01Jan2000 | 03:00 | 41.3                                                                   |
| 01Jan2000 | 03:05 | 29.7                                                                   |
| 01Jan2000 | 03:10 | 21.6                                                                   |
| 01Jan2000 | 03:15 | 15.6                                                                   |
| 01Jan2000 | 03:20 | 10.9                                                                   |
| 01Jan2000 | 03:25 | 7.4                                                                    |
| 01Jan2000 | 03:30 | 4.8                                                                    |
| 01Jan2000 | 03:35 | 3.3                                                                    |
| 01Jan2000 | 03:40 | 2.4                                                                    |
| 01Jan2000 | 03:45 | 1.9                                                                    |
| 01Jan2000 | 03:50 | 1.4                                                                    |
| 01Jan2000 | 03:55 | 1.1                                                                    |
| 01Jan2000 | 04:00 | 1.0                                                                    |
| 01Jan2000 | 04:05 | 0.9                                                                    |
| 01Jan2000 | 04:10 | 0.6                                                                    |
| 01Jan2000 | 04:15 | 0.2                                                                    |
| 01Jan2000 | 04:20 | 0.0                                                                    |
| 01Jan2000 | 04:25 | 0.0                                                                    |
| 01Jan2000 | 04:30 | 0.0                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 5yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC I  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 5-year 6-hour  
Compute Time: 23Sep2008, 14:14:56 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288               | 123.3                | 01Jan2000, 05:35 | 9.3            |
| PacArea3           | 0.288               | 123.3                | 01Jan2000, 05:35 | 9.3            |

| Date      | Time  | Run "Ex-Outlet 1 5yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.0                                                                    |
| 01Jan2000 | 01:15 | 0.0                                                                    |
| 01Jan2000 | 01:20 | 0.0                                                                    |
| 01Jan2000 | 01:25 | 0.0                                                                    |
| 01Jan2000 | 01:30 | 0.0                                                                    |
| 01Jan2000 | 01:35 | 0.0                                                                    |
| 01Jan2000 | 01:40 | 0.0                                                                    |
| 01Jan2000 | 01:45 | 0.0                                                                    |
| 01Jan2000 | 01:50 | 0.0                                                                    |
| 01Jan2000 | 01:55 | 0.0                                                                    |
| 01Jan2000 | 02:00 | 0.0                                                                    |
| 01Jan2000 | 02:05 | 0.0                                                                    |
| 01Jan2000 | 02:10 | 0.0                                                                    |
| 01Jan2000 | 02:15 | 0.0                                                                    |
| 01Jan2000 | 02:20 | 0.0                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 5yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 0.0                                                                    |
| 01Jan2000 | 02:30 | 0.0                                                                    |
| 01Jan2000 | 02:35 | 0.0                                                                    |
| 01Jan2000 | 02:40 | 0.0                                                                    |
| 01Jan2000 | 02:45 | 0.0                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.2                                                                    |
| 01Jan2000 | 03:35 | 0.8                                                                    |
| 01Jan2000 | 03:40 | 2.2                                                                    |
| 01Jan2000 | 03:45 | 4.3                                                                    |
| 01Jan2000 | 03:50 | 5.8                                                                    |
| 01Jan2000 | 03:55 | 8.1                                                                    |
| 01Jan2000 | 04:00 | 9.8                                                                    |
| 01Jan2000 | 04:05 | 12.2                                                                   |
| 01Jan2000 | 04:10 | 14.2                                                                   |
| 01Jan2000 | 04:15 | 17.2                                                                   |
| 01Jan2000 | 04:20 | 20.7                                                                   |
| 01Jan2000 | 04:25 | 24.5                                                                   |
| 01Jan2000 | 04:30 | 28.1                                                                   |
| 01Jan2000 | 04:35 | 31.6                                                                   |
| 01Jan2000 | 04:40 | 34.2                                                                   |
| 01Jan2000 | 04:45 | 37.7                                                                   |

| Date      | Time  | Run "Ex-Outlet 1 5yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 41.3                                                                   |
| 01Jan2000 | 04:55 | 44.8                                                                   |
| 01Jan2000 | 05:00 | 47.4                                                                   |
| 01Jan2000 | 05:05 | 52.0                                                                   |
| 01Jan2000 | 05:10 | 59.1                                                                   |
| 01Jan2000 | 05:15 | 71.6                                                                   |
| 01Jan2000 | 05:20 | 85.9                                                                   |
| 01Jan2000 | 05:25 | 99.5                                                                   |
| 01Jan2000 | 05:30 | 115.0                                                                  |
| 01Jan2000 | 05:35 | 123.3                                                                  |
| 01Jan2000 | 05:40 | 121.4                                                                  |
| 01Jan2000 | 05:45 | 75.5                                                                   |
| 01Jan2000 | 05:50 | 47.3                                                                   |
| 01Jan2000 | 05:55 | 33.3                                                                   |
| 01Jan2000 | 06:00 | 24.2                                                                   |
| 01Jan2000 | 06:05 | 17.5                                                                   |
| 01Jan2000 | 06:10 | 12.3                                                                   |
| 01Jan2000 | 06:15 | 8.6                                                                    |
| 01Jan2000 | 06:20 | 5.8                                                                    |
| 01Jan2000 | 06:25 | 3.8                                                                    |
| 01Jan2000 | 06:30 | 2.6                                                                    |
| 01Jan2000 | 06:35 | 2.0                                                                    |
| 01Jan2000 | 06:40 | 1.7                                                                    |
| 01Jan2000 | 06:45 | 1.2                                                                    |
| 01Jan2000 | 06:50 | 1.0                                                                    |
| 01Jan2000 | 06:55 | 0.9                                                                    |
| 01Jan2000 | 07:00 | 0.7                                                                    |
| 01Jan2000 | 07:05 | 0.4                                                                    |
| 01Jan2000 | 07:10 | 0.1                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 5yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 0.0                                                                    |
| 01Jan2000 | 07:20 | 0.0                                                                    |
| 01Jan2000 | 07:25 | 0.0                                                                    |
| 01Jan2000 | 07:30 | 0.0                                                                    |
| 01Jan2000 | 07:35 | 0.0                                                                    |
| 01Jan2000 | 07:40 | 0.0                                                                    |
| 01Jan2000 | 07:45 | 0.0                                                                    |
| 01Jan2000 | 07:50 | 0.0                                                                    |
| 01Jan2000 | 07:55 | 0.0                                                                    |
| 01Jan2000 | 08:00 | 0.0                                                                    |
| 01Jan2000 | 08:05 | 0.0                                                                    |
| 01Jan2000 | 08:10 | 0.0                                                                    |
| 01Jan2000 | 08:15 | 0.0                                                                    |
| 01Jan2000 | 08:20 | 0.0                                                                    |
| 01Jan2000 | 08:25 | 0.0                                                                    |
| 01Jan2000 | 08:30 | 0.0                                                                    |
| 01Jan2000 | 08:35 | 0.0                                                                    |
| 01Jan2000 | 08:40 | 0.0                                                                    |
| 01Jan2000 | 08:45 | 0.0                                                                    |
| 01Jan2000 | 08:50 | 0.0                                                                    |
| 01Jan2000 | 08:55 | 0.0                                                                    |
| 01Jan2000 | 09:00 | 0.0                                                                    |
| 01Jan2000 | 09:05 | 0.0                                                                    |
| 01Jan2000 | 09:10 | 0.0                                                                    |
| 01Jan2000 | 09:15 | 0.0                                                                    |
| 01Jan2000 | 09:20 | 0.0                                                                    |
| 01Jan2000 | 09:25 | 0.0                                                                    |
| 01Jan2000 | 09:30 | 0.0                                                                    |
| 01Jan2000 | 09:35 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 5yr-24hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMCI 24hr  
End of Run: 03Jan2000, 00:00 Meteorologic Model: 5-year 24-hour  
Compute Time: 23Sep2008, 14:50:03 Control Specifications: 24-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 35.8                 | 01Jan2000, 13:30 | 12.6           |
| PacArea3           | 0.288                            | 35.8                 | 01Jan2000, 13:30 | 12.6           |



| Date      | Time  | Run "Ex-Outlet 1 5yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:15 | 0.4                                                                     |
| 01Jan2000 | 00:30 | 1.0                                                                     |
| 01Jan2000 | 00:45 | 1.3                                                                     |
| 01Jan2000 | 01:00 | 1.8                                                                     |
| 01Jan2000 | 01:15 | 1.7                                                                     |
| 01Jan2000 | 01:30 | 1.6                                                                     |
| 01Jan2000 | 01:45 | 1.5                                                                     |
| 01Jan2000 | 02:00 | 1.9                                                                     |
| 01Jan2000 | 02:15 | 2.1                                                                     |
| 01Jan2000 | 02:30 | 2.2                                                                     |
| 01Jan2000 | 02:45 | 2.2                                                                     |
| 01Jan2000 | 03:00 | 2.2                                                                     |
| 01Jan2000 | 03:15 | 2.2                                                                     |
| 01Jan2000 | 03:30 | 2.2                                                                     |
| 01Jan2000 | 03:45 | 2.2                                                                     |
| 01Jan2000 | 04:00 | 2.6                                                                     |
| 01Jan2000 | 04:15 | 2.9                                                                     |
| 01Jan2000 | 04:30 | 3.3                                                                     |
| 01Jan2000 | 04:45 | 3.6                                                                     |
| 01Jan2000 | 05:00 | 3.7                                                                     |
| 01Jan2000 | 05:15 | 3.3                                                                     |
| 01Jan2000 | 05:30 | 3.5                                                                     |
| 01Jan2000 | 05:45 | 3.6                                                                     |
| 01Jan2000 | 06:00 | 3.7                                                                     |
| 01Jan2000 | 06:15 | 4.1                                                                     |
| 01Jan2000 | 06:30 | 4.3                                                                     |
| 01Jan2000 | 06:45 | 4.8                                                                     |
| 01Jan2000 | 07:00 | 5.1                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 5yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 5.2                                                                     |
| 01Jan2000 | 07:30 | 5.6                                                                     |
| 01Jan2000 | 07:45 | 5.8                                                                     |
| 01Jan2000 | 08:00 | 6.3                                                                     |
| 01Jan2000 | 08:15 | 6.9                                                                     |
| 01Jan2000 | 08:30 | 7.3                                                                     |
| 01Jan2000 | 08:45 | 7.8                                                                     |
| 01Jan2000 | 09:00 | 8.4                                                                     |
| 01Jan2000 | 09:15 | 9.1                                                                     |
| 01Jan2000 | 09:30 | 9.9                                                                     |
| 01Jan2000 | 09:45 | 10.2                                                                    |
| 01Jan2000 | 10:00 | 10.7                                                                    |
| 01Jan2000 | 10:15 | 9.1                                                                     |
| 01Jan2000 | 10:30 | 8.0                                                                     |
| 01Jan2000 | 10:45 | 9.2                                                                     |
| 01Jan2000 | 11:00 | 10.0                                                                    |
| 01Jan2000 | 11:15 | 9.9                                                                     |
| 01Jan2000 | 11:30 | 9.7                                                                     |
| 01Jan2000 | 11:45 | 9.3                                                                     |
| 01Jan2000 | 12:00 | 9.0                                                                     |
| 01Jan2000 | 12:15 | 10.9                                                                    |
| 01Jan2000 | 12:30 | 13.6                                                                    |
| 01Jan2000 | 12:45 | 18.0                                                                    |
| 01Jan2000 | 13:00 | 21.9                                                                    |
| 01Jan2000 | 13:15 | 30.6                                                                    |
| 01Jan2000 | 13:30 | 35.8                                                                    |
| 01Jan2000 | 13:45 | 23.7                                                                    |
| 01Jan2000 | 14:00 | 16.3                                                                    |
| 01Jan2000 | 14:15 | 19.4                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 5yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 14:30 | 21.0                                                                    |
| 01Jan2000 | 14:45 | 21.8                                                                    |
| 01Jan2000 | 15:00 | 21.0                                                                    |
| 01Jan2000 | 15:15 | 19.6                                                                    |
| 01Jan2000 | 15:30 | 17.7                                                                    |
| 01Jan2000 | 15:45 | 11.8                                                                    |
| 01Jan2000 | 16:00 | 8.8                                                                     |
| 01Jan2000 | 16:15 | 5.2                                                                     |
| 01Jan2000 | 16:30 | 3.3                                                                     |
| 01Jan2000 | 16:45 | 2.2                                                                     |
| 01Jan2000 | 17:00 | 1.7                                                                     |
| 01Jan2000 | 17:15 | 2.0                                                                     |
| 01Jan2000 | 17:30 | 2.1                                                                     |
| 01Jan2000 | 17:45 | 2.2                                                                     |
| 01Jan2000 | 18:00 | 2.2                                                                     |
| 01Jan2000 | 18:15 | 2.2                                                                     |
| 01Jan2000 | 18:30 | 2.2                                                                     |
| 01Jan2000 | 18:45 | 1.8                                                                     |
| 01Jan2000 | 19:00 | 1.2                                                                     |
| 01Jan2000 | 19:15 | 1.3                                                                     |
| 01Jan2000 | 19:30 | 1.8                                                                     |
| 01Jan2000 | 19:45 | 1.7                                                                     |
| 01Jan2000 | 20:00 | 1.2                                                                     |
| 01Jan2000 | 20:15 | 1.3                                                                     |
| 01Jan2000 | 20:30 | 1.4                                                                     |
| 01Jan2000 | 20:45 | 1.5                                                                     |
| 01Jan2000 | 21:00 | 1.1                                                                     |
| 01Jan2000 | 21:15 | 1.3                                                                     |
| 01Jan2000 | 21:30 | 1.0                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 5yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 21:45 | 1.2                                                                     |
| 01Jan2000 | 22:00 | 1.0                                                                     |
| 01Jan2000 | 22:15 | 1.2                                                                     |
| 01Jan2000 | 22:30 | 1.0                                                                     |
| 01Jan2000 | 22:45 | 0.8                                                                     |
| 01Jan2000 | 23:00 | 0.8                                                                     |
| 01Jan2000 | 23:15 | 0.8                                                                     |
| 01Jan2000 | 23:30 | 0.7                                                                     |
| 01Jan2000 | 23:45 | 0.7                                                                     |
| 02Jan2000 | 00:00 | 3.1                                                                     |
| 02Jan2000 | 00:15 | 1.8                                                                     |
| 02Jan2000 | 00:30 | 0.6                                                                     |
| 02Jan2000 | 00:45 | 0.2                                                                     |
| 02Jan2000 | 01:00 | 0.1                                                                     |
| 02Jan2000 | 01:15 | 0.0                                                                     |
| 02Jan2000 | 01:30 | 0.0                                                                     |
| 02Jan2000 | 01:45 | 0.0                                                                     |
| 02Jan2000 | 02:00 | 0.0                                                                     |
| 02Jan2000 | 02:15 | 0.0                                                                     |
| 02Jan2000 | 02:30 | 0.0                                                                     |
| 02Jan2000 | 02:45 | 0.0                                                                     |
| 02Jan2000 | 03:00 | 0.0                                                                     |
| 02Jan2000 | 03:15 | 0.0                                                                     |
| 02Jan2000 | 03:30 | 0.0                                                                     |
| 02Jan2000 | 03:45 | 0.0                                                                     |
| 02Jan2000 | 04:00 | 0.0                                                                     |
| 02Jan2000 | 04:15 | 0.0                                                                     |
| 02Jan2000 | 04:30 | 0.0                                                                     |
| 02Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 2yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC I  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 2-year 1-hour  
Compute Time: 23Sep2008, 14:14:01 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 153.6                | 01Jan2000, 01:00 | 4.5            |
| PacArea3           | 0.288                            | 153.6                | 01Jan2000, 01:00 | 4.5            |

| Date      | Time  | Run "Ex-Outlet 1 2yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.1                                                                    |
| 01Jan2000 | 00:20 | 0.7                                                                    |
| 01Jan2000 | 00:25 | 2.5                                                                    |
| 01Jan2000 | 00:30 | 6.0                                                                    |
| 01Jan2000 | 00:35 | 11.3                                                                   |
| 01Jan2000 | 00:40 | 18.9                                                                   |
| 01Jan2000 | 00:45 | 31.7                                                                   |
| 01Jan2000 | 00:50 | 65.3                                                                   |
| 01Jan2000 | 00:55 | 101.1                                                                  |
| 01Jan2000 | 01:00 | 153.6                                                                  |
| 01Jan2000 | 01:05 | 86.4                                                                   |
| 01Jan2000 | 01:10 | 50.5                                                                   |
| 01Jan2000 | 01:15 | 35.2                                                                   |
| 01Jan2000 | 01:20 | 25.7                                                                   |
| 01Jan2000 | 01:25 | 19.2                                                                   |
| 01Jan2000 | 01:30 | 13.7                                                                   |
| 01Jan2000 | 01:35 | 9.7                                                                    |
| 01Jan2000 | 01:40 | 6.6                                                                    |
| 01Jan2000 | 01:45 | 4.1                                                                    |
| 01Jan2000 | 01:50 | 2.5                                                                    |
| 01Jan2000 | 01:55 | 1.9                                                                    |
| 01Jan2000 | 02:00 | 1.7                                                                    |
| 01Jan2000 | 02:05 | 1.0                                                                    |
| 01Jan2000 | 02:10 | 0.9                                                                    |
| 01Jan2000 | 02:15 | 0.9                                                                    |
| 01Jan2000 | 02:20 | 1.1                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 2yr-1hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 0.6                                                                    |
| 01Jan2000 | 02:30 | 0.1                                                                    |
| 01Jan2000 | 02:35 | 0.0                                                                    |
| 01Jan2000 | 02:40 | 0.0                                                                    |
| 01Jan2000 | 02:45 | 0.0                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.0                                                                    |
| 01Jan2000 | 03:55 | 0.0                                                                    |
| 01Jan2000 | 04:00 | 0.0                                                                    |
| 01Jan2000 | 04:05 | 0.0                                                                    |
| 01Jan2000 | 04:10 | 0.0                                                                    |
| 01Jan2000 | 04:15 | 0.0                                                                    |
| 01Jan2000 | 04:20 | 0.0                                                                    |
| 01Jan2000 | 04:25 | 0.0                                                                    |
| 01Jan2000 | 04:30 | 0.0                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 2yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC I  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 2-year 3-hour  
Compute Time: 23Sep2008, 14:14:20 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 89.6                 | 01Jan2000, 02:45 | 4.6            |
| PacArea3           | 0.288                            | 89.6                 | 01Jan2000, 02:45 | 4.6            |



| Date      | Time  | Run "Ex-Outlet 1 2yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.0                                                                    |
| 01Jan2000 | 01:15 | 0.0                                                                    |
| 01Jan2000 | 01:20 | 0.0                                                                    |
| 01Jan2000 | 01:25 | 0.4                                                                    |
| 01Jan2000 | 01:30 | 1.3                                                                    |
| 01Jan2000 | 01:35 | 3.1                                                                    |
| 01Jan2000 | 01:40 | 4.3                                                                    |
| 01Jan2000 | 01:45 | 4.6                                                                    |
| 01Jan2000 | 01:50 | 7.9                                                                    |
| 01Jan2000 | 01:55 | 12.5                                                                   |
| 01Jan2000 | 02:00 | 13.2                                                                   |
| 01Jan2000 | 02:05 | 13.0                                                                   |
| 01Jan2000 | 02:10 | 15.6                                                                   |
| 01Jan2000 | 02:15 | 21.2                                                                   |
| 01Jan2000 | 02:20 | 30.5                                                                   |

| Date      | Time  | Run "Ex-Outlet 1 2yr-3hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 41.3                                                                   |
| 01Jan2000 | 02:30 | 45.8                                                                   |
| 01Jan2000 | 02:35 | 71.7                                                                   |
| 01Jan2000 | 02:40 | 86.4                                                                   |
| 01Jan2000 | 02:45 | 89.6                                                                   |
| 01Jan2000 | 02:50 | 70.5                                                                   |
| 01Jan2000 | 02:55 | 40.9                                                                   |
| 01Jan2000 | 03:00 | 27.4                                                                   |
| 01Jan2000 | 03:05 | 19.9                                                                   |
| 01Jan2000 | 03:10 | 14.5                                                                   |
| 01Jan2000 | 03:15 | 10.4                                                                   |
| 01Jan2000 | 03:20 | 7.3                                                                    |
| 01Jan2000 | 03:25 | 4.9                                                                    |
| 01Jan2000 | 03:30 | 3.2                                                                    |
| 01Jan2000 | 03:35 | 2.1                                                                    |
| 01Jan2000 | 03:40 | 1.6                                                                    |
| 01Jan2000 | 03:45 | 1.3                                                                    |
| 01Jan2000 | 03:50 | 0.9                                                                    |
| 01Jan2000 | 03:55 | 0.8                                                                    |
| 01Jan2000 | 04:00 | 0.7                                                                    |
| 01Jan2000 | 04:05 | 0.6                                                                    |
| 01Jan2000 | 04:10 | 0.4                                                                    |
| 01Jan2000 | 04:15 | 0.1                                                                    |
| 01Jan2000 | 04:20 | 0.0                                                                    |
| 01Jan2000 | 04:25 | 0.0                                                                    |
| 01Jan2000 | 04:30 | 0.0                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 2yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMC I  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 2-year 6-hour  
Compute Time: 23Sep2008, 14:14:27 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288                            | 83.3                 | 01Jan2000, 05:35 | 5.2            |
| PacArea3           | 0.288                            | 83.3                 | 01Jan2000, 05:35 | 5.2            |

| Date      | Time  | Run "Ex-Outlet 1 2yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.0                                                                    |
| 01Jan2000 | 01:15 | 0.0                                                                    |
| 01Jan2000 | 01:20 | 0.0                                                                    |
| 01Jan2000 | 01:25 | 0.0                                                                    |
| 01Jan2000 | 01:30 | 0.0                                                                    |
| 01Jan2000 | 01:35 | 0.0                                                                    |
| 01Jan2000 | 01:40 | 0.0                                                                    |
| 01Jan2000 | 01:45 | 0.0                                                                    |
| 01Jan2000 | 01:50 | 0.0                                                                    |
| 01Jan2000 | 01:55 | 0.0                                                                    |
| 01Jan2000 | 02:00 | 0.0                                                                    |
| 01Jan2000 | 02:05 | 0.0                                                                    |
| 01Jan2000 | 02:10 | 0.0                                                                    |
| 01Jan2000 | 02:15 | 0.0                                                                    |
| 01Jan2000 | 02:20 | 0.0                                                                    |

| Date      | Time  | Run "Ex-Outlet 1 2yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 0.0                                                                    |
| 01Jan2000 | 02:30 | 0.0                                                                    |
| 01Jan2000 | 02:35 | 0.0                                                                    |
| 01Jan2000 | 02:40 | 0.0                                                                    |
| 01Jan2000 | 02:45 | 0.0                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.0                                                                    |
| 01Jan2000 | 03:55 | 0.0                                                                    |
| 01Jan2000 | 04:00 | 0.0                                                                    |
| 01Jan2000 | 04:05 | 0.2                                                                    |
| 01Jan2000 | 04:10 | 0.8                                                                    |
| 01Jan2000 | 04:15 | 2.6                                                                    |
| 01Jan2000 | 04:20 | 4.9                                                                    |
| 01Jan2000 | 04:25 | 7.5                                                                    |
| 01Jan2000 | 04:30 | 10.1                                                                   |
| 01Jan2000 | 04:35 | 12.6                                                                   |
| 01Jan2000 | 04:40 | 14.6                                                                   |
| 01Jan2000 | 04:45 | 17.2                                                                   |

| Date      | Time  | Run "Ex-Outlet 1 2yr-6hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 20.0                                                                   |
| 01Jan2000 | 04:55 | 22.6                                                                   |
| 01Jan2000 | 05:00 | 24.6                                                                   |
| 01Jan2000 | 05:05 | 28.1                                                                   |
| 01Jan2000 | 05:10 | 33.6                                                                   |
| 01Jan2000 | 05:15 | 43.3                                                                   |
| 01Jan2000 | 05:20 | 54.4                                                                   |
| 01Jan2000 | 05:25 | 64.9                                                                   |
| 01Jan2000 | 05:30 | 76.9                                                                   |
| 01Jan2000 | 05:35 | 83.3                                                                   |
| 01Jan2000 | 05:40 | 82.6                                                                   |
| 01Jan2000 | 05:45 | 48.6                                                                   |
| 01Jan2000 | 05:50 | 30.8                                                                   |
| 01Jan2000 | 05:55 | 21.9                                                                   |
| 01Jan2000 | 06:00 | 15.9                                                                   |
| 01Jan2000 | 06:05 | 11.6                                                                   |
| 01Jan2000 | 06:10 | 8.1                                                                    |
| 01Jan2000 | 06:15 | 5.6                                                                    |
| 01Jan2000 | 06:20 | 3.8                                                                    |
| 01Jan2000 | 06:25 | 2.5                                                                    |
| 01Jan2000 | 06:30 | 1.7                                                                    |
| 01Jan2000 | 06:35 | 1.3                                                                    |
| 01Jan2000 | 06:40 | 1.1                                                                    |
| 01Jan2000 | 06:45 | 0.8                                                                    |
| 01Jan2000 | 06:50 | 0.7                                                                    |
| 01Jan2000 | 06:55 | 0.6                                                                    |
| 01Jan2000 | 07:00 | 0.5                                                                    |
| 01Jan2000 | 07:05 | 0.2                                                                    |
| 01Jan2000 | 07:10 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 1 2yr-24hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 1 AMCI 24hr  
End of Run: 03Jan2000, 00:00 Meteorologic Model: 2-year 24-hour  
Compute Time: 23Sep2008, 14:14:08 Control Specifications: 24-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 1        | 0.288               | 12.9                 | 01Jan2000, 13:30 | 7.2            |
| PacArea3           | 0.288               | 12.9                 | 01Jan2000, 13:30 | 7.2            |

| Date      | Time  | Run "Ex-Outlet 1 2yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:15 | 0.4                                                                     |
| 01Jan2000 | 00:30 | 1.0                                                                     |
| 01Jan2000 | 00:45 | 1.3                                                                     |
| 01Jan2000 | 01:00 | 1.4                                                                     |
| 01Jan2000 | 01:15 | 1.5                                                                     |
| 01Jan2000 | 01:30 | 1.5                                                                     |
| 01Jan2000 | 01:45 | 1.5                                                                     |
| 01Jan2000 | 02:00 | 1.5                                                                     |
| 01Jan2000 | 02:15 | 1.5                                                                     |
| 01Jan2000 | 02:30 | 1.5                                                                     |
| 01Jan2000 | 02:45 | 1.9                                                                     |
| 01Jan2000 | 03:00 | 2.1                                                                     |
| 01Jan2000 | 03:15 | 2.2                                                                     |
| 01Jan2000 | 03:30 | 2.2                                                                     |
| 01Jan2000 | 03:45 | 2.2                                                                     |
| 01Jan2000 | 04:00 | 2.2                                                                     |
| 01Jan2000 | 04:15 | 2.2                                                                     |
| 01Jan2000 | 04:30 | 2.6                                                                     |
| 01Jan2000 | 04:45 | 2.9                                                                     |
| 01Jan2000 | 05:00 | 2.9                                                                     |
| 01Jan2000 | 05:15 | 2.6                                                                     |
| 01Jan2000 | 05:30 | 2.7                                                                     |
| 01Jan2000 | 05:45 | 2.9                                                                     |
| 01Jan2000 | 06:00 | 2.9                                                                     |
| 01Jan2000 | 06:15 | 3.4                                                                     |
| 01Jan2000 | 06:30 | 3.6                                                                     |
| 01Jan2000 | 06:45 | 3.7                                                                     |
| 01Jan2000 | 07:00 | 3.7                                                                     |



| Date      | Time  | Run "Ex-Outlet 1 2yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 3.7                                                                     |
| 01Jan2000 | 07:30 | 4.1                                                                     |
| 01Jan2000 | 07:45 | 4.3                                                                     |
| 01Jan2000 | 08:00 | 4.8                                                                     |
| 01Jan2000 | 08:15 | 5.5                                                                     |
| 01Jan2000 | 08:30 | 5.8                                                                     |
| 01Jan2000 | 08:45 | 5.9                                                                     |
| 01Jan2000 | 09:00 | 6.3                                                                     |
| 01Jan2000 | 09:15 | 6.9                                                                     |
| 01Jan2000 | 09:30 | 7.3                                                                     |
| 01Jan2000 | 09:45 | 7.8                                                                     |
| 01Jan2000 | 10:00 | 8.0                                                                     |
| 01Jan2000 | 10:15 | 7.0                                                                     |
| 01Jan2000 | 10:30 | 6.3                                                                     |
| 01Jan2000 | 10:45 | 6.8                                                                     |
| 01Jan2000 | 11:00 | 7.2                                                                     |
| 01Jan2000 | 11:15 | 7.4                                                                     |
| 01Jan2000 | 11:30 | 7.4                                                                     |
| 01Jan2000 | 11:45 | 7.0                                                                     |
| 01Jan2000 | 12:00 | 6.4                                                                     |
| 01Jan2000 | 12:15 | 7.7                                                                     |
| 01Jan2000 | 12:30 | 8.5                                                                     |
| 01Jan2000 | 12:45 | 5.7                                                                     |
| 01Jan2000 | 13:00 | 5.5                                                                     |
| 01Jan2000 | 13:15 | 10.4                                                                    |
| 01Jan2000 | 13:30 | 12.9                                                                    |
| 01Jan2000 | 13:45 | 10.6                                                                    |
| 01Jan2000 | 14:00 | 9.0                                                                     |
| 01Jan2000 | 14:15 | 6.9                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 2yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 14:30 | 5.0                                                                     |
| 01Jan2000 | 14:45 | 5.0                                                                     |
| 01Jan2000 | 15:00 | 4.3                                                                     |
| 01Jan2000 | 15:15 | 3.5                                                                     |
| 01Jan2000 | 15:30 | 2.8                                                                     |
| 01Jan2000 | 15:45 | 5.1                                                                     |
| 01Jan2000 | 16:00 | 6.6                                                                     |
| 01Jan2000 | 16:15 | 4.1                                                                     |
| 01Jan2000 | 16:30 | 2.4                                                                     |
| 01Jan2000 | 16:45 | 1.8                                                                     |
| 01Jan2000 | 17:00 | 1.6                                                                     |
| 01Jan2000 | 17:15 | 1.9                                                                     |
| 01Jan2000 | 17:30 | 2.1                                                                     |
| 01Jan2000 | 17:45 | 2.2                                                                     |
| 01Jan2000 | 18:00 | 1.8                                                                     |
| 01Jan2000 | 18:15 | 1.6                                                                     |
| 01Jan2000 | 18:30 | 1.5                                                                     |
| 01Jan2000 | 18:45 | 1.5                                                                     |
| 01Jan2000 | 19:00 | 1.1                                                                     |
| 01Jan2000 | 19:15 | 1.3                                                                     |
| 01Jan2000 | 19:30 | 1.4                                                                     |
| 01Jan2000 | 19:45 | 1.5                                                                     |
| 01Jan2000 | 20:00 | 1.1                                                                     |
| 01Jan2000 | 20:15 | 1.3                                                                     |
| 01Jan2000 | 20:30 | 1.4                                                                     |
| 01Jan2000 | 20:45 | 1.5                                                                     |
| 01Jan2000 | 21:00 | 1.1                                                                     |
| 01Jan2000 | 21:15 | 1.3                                                                     |
| 01Jan2000 | 21:30 | 1.0                                                                     |

| Date      | Time  | Run "Ex-Outlet 1 2yr-24hr"<br>Element "Ex-Outlet 1"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 21:45 | 1.2                                                                     |
| 01Jan2000 | 22:00 | 1.0                                                                     |
| 01Jan2000 | 22:15 | 1.2                                                                     |
| 01Jan2000 | 22:30 | 1.0                                                                     |
| 01Jan2000 | 22:45 | 0.8                                                                     |
| 01Jan2000 | 23:00 | 0.8                                                                     |
| 01Jan2000 | 23:15 | 0.8                                                                     |
| 01Jan2000 | 23:30 | 0.7                                                                     |
| 01Jan2000 | 23:45 | 0.7                                                                     |
| 02Jan2000 | 00:00 | 2.3                                                                     |
| 02Jan2000 | 00:15 | 1.3                                                                     |
| 02Jan2000 | 00:30 | 0.4                                                                     |
| 02Jan2000 | 00:45 | 0.2                                                                     |
| 02Jan2000 | 01:00 | 0.0                                                                     |
| 02Jan2000 | 01:15 | 0.0                                                                     |
| 02Jan2000 | 01:30 | 0.0                                                                     |
| 02Jan2000 | 01:45 | 0.0                                                                     |
| 02Jan2000 | 02:00 | 0.0                                                                     |
| 02Jan2000 | 02:15 | 0.0                                                                     |
| 02Jan2000 | 02:30 | 0.0                                                                     |
| 02Jan2000 | 02:45 | 0.0                                                                     |
| 02Jan2000 | 03:00 | 0.0                                                                     |
| 02Jan2000 | 03:15 | 0.0                                                                     |
| 02Jan2000 | 03:30 | 0.0                                                                     |
| 02Jan2000 | 03:45 | 0.0                                                                     |
| 02Jan2000 | 04:00 | 0.0                                                                     |
| 02Jan2000 | 04:15 | 0.0                                                                     |
| 02Jan2000 | 04:30 | 0.0                                                                     |
| 02Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 100yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 100-year 1-hour  
Compute Time: 24Sep2008, 11:36:15 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 1111.2               | 01Jan2000, 01:00 | 55.7           |
| Horsethief1        | 0.128                            | 265.5                | 01Jan2000, 00:55 | 9.4            |
| PacArea4           | 0.516                            | 928.4                | 01Jan2000, 01:00 | 37.7           |
| PacArea5           | 0.115                            | 270.2                | 01Jan2000, 00:50 | 8.6            |
| PacJunction 4      | 0.644                            | 1132.1               | 01Jan2000, 01:00 | 47.1           |
| PacNatural 2       | 0.128                            | 249.3                | 01Jan2000, 00:55 | 9.4            |
| Pac Natural 3      | 0.644                            | 995.0                | 01Jan2000, 01:00 | 47.1           |

| Date      | Time  | Run "Ex-Outlet 2 100yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 17.2                                                                     |
| 01Jan2000 | 00:10 | 46.2                                                                     |
| 01Jan2000 | 00:15 | 93.4                                                                     |
| 01Jan2000 | 00:20 | 167.1                                                                    |
| 01Jan2000 | 00:25 | 219.5                                                                    |
| 01Jan2000 | 00:30 | 265.7                                                                    |
| 01Jan2000 | 00:35 | 316.9                                                                    |
| 01Jan2000 | 00:40 | 381.4                                                                    |
| 01Jan2000 | 00:45 | 481.4                                                                    |
| 01Jan2000 | 00:50 | 745.2                                                                    |
| 01Jan2000 | 00:55 | 958.8                                                                    |
| 01Jan2000 | 01:00 | 1111.2                                                                   |
| 01Jan2000 | 01:05 | 1044.5                                                                   |
| 01Jan2000 | 01:10 | 689.2                                                                    |
| 01Jan2000 | 01:15 | 462.9                                                                    |
| 01Jan2000 | 01:20 | 308.9                                                                    |
| 01Jan2000 | 01:25 | 216.4                                                                    |
| 01Jan2000 | 01:30 | 158.1                                                                    |
| 01Jan2000 | 01:35 | 114.5                                                                    |
| 01Jan2000 | 01:40 | 80.7                                                                     |
| 01Jan2000 | 01:45 | 58.2                                                                     |
| 01Jan2000 | 01:50 | 41.2                                                                     |
| 01Jan2000 | 01:55 | 25.4                                                                     |
| 01Jan2000 | 02:00 | 18.5                                                                     |
| 01Jan2000 | 02:05 | 14.7                                                                     |
| 01Jan2000 | 02:10 | 10.7                                                                     |
| 01Jan2000 | 02:15 | 7.8                                                                      |
| 01Jan2000 | 02:20 | 6.5                                                                      |

| Date      | Time  | Run "Ex-Outlet 2 100yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 6.2                                                                      |
| 01Jan2000 | 02:30 | 5.8                                                                      |
| 01Jan2000 | 02:35 | 4.1                                                                      |
| 01Jan2000 | 02:40 | 1.7                                                                      |
| 01Jan2000 | 02:45 | 0.5                                                                      |
| 01Jan2000 | 02:50 | 0.0                                                                      |
| 01Jan2000 | 02:55 | 0.0                                                                      |
| 01Jan2000 | 03:00 | 0.0                                                                      |
| 01Jan2000 | 03:05 | 0.0                                                                      |
| 01Jan2000 | 03:10 | 0.0                                                                      |
| 01Jan2000 | 03:15 | 0.0                                                                      |
| 01Jan2000 | 03:20 | 0.0                                                                      |
| 01Jan2000 | 03:25 | 0.0                                                                      |
| 01Jan2000 | 03:30 | 0.0                                                                      |
| 01Jan2000 | 03:35 | 0.0                                                                      |
| 01Jan2000 | 03:40 | 0.0                                                                      |
| 01Jan2000 | 03:45 | 0.0                                                                      |
| 01Jan2000 | 03:50 | 0.0                                                                      |
| 01Jan2000 | 03:55 | 0.0                                                                      |
| 01Jan2000 | 04:00 | 0.0                                                                      |
| 01Jan2000 | 04:05 | 0.0                                                                      |
| 01Jan2000 | 04:10 | 0.0                                                                      |
| 01Jan2000 | 04:15 | 0.0                                                                      |
| 01Jan2000 | 04:20 | 0.0                                                                      |
| 01Jan2000 | 04:25 | 0.0                                                                      |
| 01Jan2000 | 04:30 | 0.0                                                                      |
| 01Jan2000 | 04:35 | 0.0                                                                      |
| 01Jan2000 | 04:40 | 0.0                                                                      |
| 01Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 100yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 100-year 3-hour  
Compute Time: 24Sep2008, 11:36:40 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 767.5                | 01Jan2000, 02:45 | 74.6           |
| Horsethief1        | 0.128                            | 151.2                | 01Jan2000, 02:40 | 12.7           |
| PacArea4           | 0.516                            | 543.7                | 01Jan2000, 02:45 | 50.2           |
| PacArea5           | 0.115                            | 148.9                | 01Jan2000, 02:35 | 11.7           |
| PacJunction 4      | 0.644                            | 679.1                | 01Jan2000, 02:45 | 62.9           |
| PacNatural 2       | 0.128                            | 148.6                | 01Jan2000, 02:40 | 12.7           |
| Pac Natural 3      | 0.644                            | 679.0                | 01Jan2000, 02:45 | 62.9           |

| Date      | Time  | Run "Ex-Outlet 2 100yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 6.4                                                                      |
| 01Jan2000 | 00:10 | 14.5                                                                     |
| 01Jan2000 | 00:15 | 24.1                                                                     |
| 01Jan2000 | 00:20 | 44.3                                                                     |
| 01Jan2000 | 00:25 | 59.8                                                                     |
| 01Jan2000 | 00:30 | 71.4                                                                     |
| 01Jan2000 | 00:35 | 87.9                                                                     |
| 01Jan2000 | 00:40 | 102.7                                                                    |
| 01Jan2000 | 00:45 | 117.1                                                                    |
| 01Jan2000 | 00:50 | 120.8                                                                    |
| 01Jan2000 | 00:55 | 127.7                                                                    |
| 01Jan2000 | 01:00 | 131.6                                                                    |
| 01Jan2000 | 01:05 | 135.0                                                                    |
| 01Jan2000 | 01:10 | 146.1                                                                    |
| 01Jan2000 | 01:15 | 162.9                                                                    |
| 01Jan2000 | 01:20 | 180.4                                                                    |
| 01Jan2000 | 01:25 | 193.9                                                                    |
| 01Jan2000 | 01:30 | 206.7                                                                    |
| 01Jan2000 | 01:35 | 216.9                                                                    |
| 01Jan2000 | 01:40 | 237.7                                                                    |
| 01Jan2000 | 01:45 | 258.2                                                                    |
| 01Jan2000 | 01:50 | 271.1                                                                    |
| 01Jan2000 | 01:55 | 291.5                                                                    |
| 01Jan2000 | 02:00 | 312.5                                                                    |
| 01Jan2000 | 02:05 | 319.9                                                                    |
| 01Jan2000 | 02:10 | 333.4                                                                    |
| 01Jan2000 | 02:15 | 366.7                                                                    |
| 01Jan2000 | 02:20 | 399.6                                                                    |



| Date      | Time  | Run "Ex-Outlet 2 100yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 473.3                                                                    |
| 01Jan2000 | 02:30 | 554.4                                                                    |
| 01Jan2000 | 02:35 | 635.7                                                                    |
| 01Jan2000 | 02:40 | 759.8                                                                    |
| 01Jan2000 | 02:45 | 767.5                                                                    |
| 01Jan2000 | 02:50 | 694.3                                                                    |
| 01Jan2000 | 02:55 | 556.5                                                                    |
| 01Jan2000 | 03:00 | 398.5                                                                    |
| 01Jan2000 | 03:05 | 296.5                                                                    |
| 01Jan2000 | 03:10 | 223.5                                                                    |
| 01Jan2000 | 03:15 | 153.0                                                                    |
| 01Jan2000 | 03:20 | 107.1                                                                    |
| 01Jan2000 | 03:25 | 76.6                                                                     |
| 01Jan2000 | 03:30 | 54.1                                                                     |
| 01Jan2000 | 03:35 | 38.3                                                                     |
| 01Jan2000 | 03:40 | 26.8                                                                     |
| 01Jan2000 | 03:45 | 18.8                                                                     |
| 01Jan2000 | 03:50 | 14.0                                                                     |
| 01Jan2000 | 03:55 | 10.5                                                                     |
| 01Jan2000 | 04:00 | 7.6                                                                      |
| 01Jan2000 | 04:05 | 6.0                                                                      |
| 01Jan2000 | 04:10 | 5.1                                                                      |
| 01Jan2000 | 04:15 | 4.2                                                                      |
| 01Jan2000 | 04:20 | 3.0                                                                      |
| 01Jan2000 | 04:25 | 1.9                                                                      |
| 01Jan2000 | 04:30 | 1.0                                                                      |
| 01Jan2000 | 04:35 | 0.5                                                                      |
| 01Jan2000 | 04:40 | 0.2                                                                      |
| 01Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 100yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 100-year 6-hour  
Compute Time: 24Sep2008, 11:37:47 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 715.0                | 01Jan2000, 05:35 | 90.6           |
| Horsethief1        | 0.128                            | 139.0                | 01Jan2000, 05:35 | 15.4           |
| PacArea4           | 0.516                            | 498.3                | 01Jan2000, 05:35 | 60.6           |
| PacArea5           | 0.115                            | 141.4                | 01Jan2000, 05:30 | 14.6           |
| PacJunction 4      | 0.644                            | 636.1                | 01Jan2000, 05:35 | 76.1           |
| PacNatural 2       | 0.128                            | 137.8                | 01Jan2000, 05:35 | 15.4           |
| Pac Natural 3      | 0.644                            | 625.1                | 01Jan2000, 05:40 | 76.0           |

| Date      | Time  | Run "Ex-Outlet 2 100yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 0.4                                                                      |
| 01Jan2000 | 00:10 | 2.3                                                                      |
| 01Jan2000 | 00:15 | 4.0                                                                      |
| 01Jan2000 | 00:20 | 5.8                                                                      |
| 01Jan2000 | 00:25 | 8.9                                                                      |
| 01Jan2000 | 00:30 | 12.8                                                                     |
| 01Jan2000 | 00:35 | 16.3                                                                     |
| 01Jan2000 | 00:40 | 20.0                                                                     |
| 01Jan2000 | 00:45 | 25.5                                                                     |
| 01Jan2000 | 00:50 | 29.5                                                                     |
| 01Jan2000 | 00:55 | 31.8                                                                     |
| 01Jan2000 | 01:00 | 34.7                                                                     |
| 01Jan2000 | 01:05 | 37.9                                                                     |
| 01Jan2000 | 01:10 | 41.5                                                                     |
| 01Jan2000 | 01:15 | 47.1                                                                     |
| 01Jan2000 | 01:20 | 50.8                                                                     |
| 01Jan2000 | 01:25 | 52.9                                                                     |
| 01Jan2000 | 01:30 | 54.3                                                                     |
| 01Jan2000 | 01:35 | 55.3                                                                     |
| 01Jan2000 | 01:40 | 56.0                                                                     |
| 01Jan2000 | 01:45 | 56.6                                                                     |
| 01Jan2000 | 01:50 | 56.9                                                                     |
| 01Jan2000 | 01:55 | 57.2                                                                     |
| 01Jan2000 | 02:00 | 58.8                                                                     |
| 01Jan2000 | 02:05 | 59.7                                                                     |
| 01Jan2000 | 02:10 | 62.0                                                                     |
| 01Jan2000 | 02:15 | 66.2                                                                     |
| 01Jan2000 | 02:20 | 67.5                                                                     |

| Date      | Time  | Run "Ex-Outlet 2 100yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 71.2                                                                     |
| 01Jan2000 | 02:30 | 73.9                                                                     |
| 01Jan2000 | 02:35 | 75.3                                                                     |
| 01Jan2000 | 02:40 | 76.3                                                                     |
| 01Jan2000 | 02:45 | 78.5                                                                     |
| 01Jan2000 | 02:50 | 81.2                                                                     |
| 01Jan2000 | 02:55 | 84.6                                                                     |
| 01Jan2000 | 03:00 | 90.0                                                                     |
| 01Jan2000 | 03:05 | 93.3                                                                     |
| 01Jan2000 | 03:10 | 96.7                                                                     |
| 01Jan2000 | 03:15 | 100.2                                                                    |
| 01Jan2000 | 03:20 | 104.3                                                                    |
| 01Jan2000 | 03:25 | 111.3                                                                    |
| 01Jan2000 | 03:30 | 118.7                                                                    |
| 01Jan2000 | 03:35 | 127.5                                                                    |
| 01Jan2000 | 03:40 | 139.8                                                                    |
| 01Jan2000 | 03:45 | 153.7                                                                    |
| 01Jan2000 | 03:50 | 166.7                                                                    |
| 01Jan2000 | 03:55 | 178.0                                                                    |
| 01Jan2000 | 04:00 | 189.5                                                                    |
| 01Jan2000 | 04:05 | 200.1                                                                    |
| 01Jan2000 | 04:10 | 212.9                                                                    |
| 01Jan2000 | 04:15 | 225.5                                                                    |
| 01Jan2000 | 04:20 | 241.5                                                                    |
| 01Jan2000 | 04:25 | 259.3                                                                    |
| 01Jan2000 | 04:30 | 276.6                                                                    |
| 01Jan2000 | 04:35 | 293.6                                                                    |
| 01Jan2000 | 04:40 | 310.2                                                                    |
| 01Jan2000 | 04:45 | 325.0                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 100yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 341.2                                                                    |
| 01Jan2000 | 04:55 | 357.7                                                                    |
| 01Jan2000 | 05:00 | 373.8                                                                    |
| 01Jan2000 | 05:05 | 394.8                                                                    |
| 01Jan2000 | 05:10 | 428.3                                                                    |
| 01Jan2000 | 05:15 | 474.8                                                                    |
| 01Jan2000 | 05:20 | 539.6                                                                    |
| 01Jan2000 | 05:25 | 612.0                                                                    |
| 01Jan2000 | 05:30 | 691.5                                                                    |
| 01Jan2000 | 05:35 | 715.0                                                                    |
| 01Jan2000 | 05:40 | 678.3                                                                    |
| 01Jan2000 | 05:45 | 579.4                                                                    |
| 01Jan2000 | 05:50 | 403.2                                                                    |
| 01Jan2000 | 05:55 | 272.3                                                                    |
| 01Jan2000 | 06:00 | 188.3                                                                    |
| 01Jan2000 | 06:05 | 133.9                                                                    |
| 01Jan2000 | 06:10 | 96.9                                                                     |
| 01Jan2000 | 06:15 | 69.8                                                                     |
| 01Jan2000 | 06:20 | 49.6                                                                     |
| 01Jan2000 | 06:25 | 35.2                                                                     |
| 01Jan2000 | 06:30 | 24.7                                                                     |
| 01Jan2000 | 06:35 | 16.7                                                                     |
| 01Jan2000 | 06:40 | 12.1                                                                     |
| 01Jan2000 | 06:45 | 9.4                                                                      |
| 01Jan2000 | 06:50 | 7.2                                                                      |
| 01Jan2000 | 06:55 | 5.5                                                                      |
| 01Jan2000 | 07:00 | 4.4                                                                      |
| 01Jan2000 | 07:05 | 3.7                                                                      |
| 01Jan2000 | 07:10 | 3.0                                                                      |

| Date      | Time  | Run "Ex-Outlet 2 100yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 2.0                                                                      |
| 01Jan2000 | 07:20 | 1.0                                                                      |
| 01Jan2000 | 07:25 | 0.3                                                                      |
| 01Jan2000 | 07:30 | 0.1                                                                      |
| 01Jan2000 | 07:35 | 0.0                                                                      |
| 01Jan2000 | 07:40 | 0.0                                                                      |
| 01Jan2000 | 07:45 | 0.0                                                                      |
| 01Jan2000 | 07:50 | 0.0                                                                      |
| 01Jan2000 | 07:55 | 0.0                                                                      |
| 01Jan2000 | 08:00 | 0.0                                                                      |
| 01Jan2000 | 08:05 | 0.0                                                                      |
| 01Jan2000 | 08:10 | 0.0                                                                      |
| 01Jan2000 | 08:15 | 0.0                                                                      |
| 01Jan2000 | 08:20 | 0.0                                                                      |
| 01Jan2000 | 08:25 | 0.0                                                                      |
| 01Jan2000 | 08:30 | 0.0                                                                      |
| 01Jan2000 | 08:35 | 0.0                                                                      |
| 01Jan2000 | 08:40 | 0.0                                                                      |
| 01Jan2000 | 08:45 | 0.0                                                                      |
| 01Jan2000 | 08:50 | 0.0                                                                      |
| 01Jan2000 | 08:55 | 0.0                                                                      |
| 01Jan2000 | 09:00 | 0.0                                                                      |
| 01Jan2000 | 09:05 | 0.0                                                                      |
| 01Jan2000 | 09:10 | 0.0                                                                      |
| 01Jan2000 | 09:15 | 0.0                                                                      |
| 01Jan2000 | 09:20 | 0.0                                                                      |
| 01Jan2000 | 09:25 | 0.0                                                                      |
| 01Jan2000 | 09:30 | 0.0                                                                      |
| 01Jan2000 | 09:35 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2-10yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 10-year 1-hour  
Compute Time: 24Sep2008, 11:38:12 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759               | 607.1                | 01Jan2000, 01:05 | 28.6           |
| Horsethief1        | 0.128               | 146.7                | 01Jan2000, 00:55 | 4.8            |
| PacArea4           | 0.516               | 508.3                | 01Jan2000, 01:00 | 19.3           |
| PacArea5           | 0.115               | 150.8                | 01Jan2000, 00:50 | 4.5            |
| PacJunction 4      | 0.644               | 620.7                | 01Jan2000, 01:00 | 24.1           |
| PacNatural 2       | 0.128               | 135.3                | 01Jan2000, 00:55 | 4.9            |
| Pac Natural 3      | 0.644               | 579.0                | 01Jan2000, 01:05 | 24.1           |

| Date      | Time  | Run "Ex-Outlet 2-10yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 7.3                                                                     |
| 01Jan2000 | 00:10 | 17.1                                                                    |
| 01Jan2000 | 00:15 | 32.9                                                                    |
| 01Jan2000 | 00:20 | 62.9                                                                    |
| 01Jan2000 | 00:25 | 88.9                                                                    |
| 01Jan2000 | 00:30 | 112.3                                                                   |
| 01Jan2000 | 00:35 | 139.0                                                                   |
| 01Jan2000 | 00:40 | 173.3                                                                   |
| 01Jan2000 | 00:45 | 226.7                                                                   |
| 01Jan2000 | 00:50 | 366.3                                                                   |
| 01Jan2000 | 00:55 | 480.4                                                                   |
| 01Jan2000 | 01:00 | 580.1                                                                   |
| 01Jan2000 | 01:05 | 607.1                                                                   |
| 01Jan2000 | 01:10 | 388.6                                                                   |
| 01Jan2000 | 01:15 | 259.9                                                                   |
| 01Jan2000 | 01:20 | 174.4                                                                   |
| 01Jan2000 | 01:25 | 122.0                                                                   |
| 01Jan2000 | 01:30 | 89.5                                                                    |
| 01Jan2000 | 01:35 | 65.5                                                                    |
| 01Jan2000 | 01:40 | 46.2                                                                    |
| 01Jan2000 | 01:45 | 33.2                                                                    |
| 01Jan2000 | 01:50 | 23.9                                                                    |
| 01Jan2000 | 01:55 | 15.0                                                                    |
| 01Jan2000 | 02:00 | 10.3                                                                    |
| 01Jan2000 | 02:05 | 8.3                                                                     |
| 01Jan2000 | 02:10 | 6.2                                                                     |
| 01Jan2000 | 02:15 | 4.4                                                                     |
| 01Jan2000 | 02:20 | 3.6                                                                     |



| Date      | Time  | Run "Ex-Outlet 2-10yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 3.4                                                                     |
| 01Jan2000 | 02:30 | 3.3                                                                     |
| 01Jan2000 | 02:35 | 2.5                                                                     |
| 01Jan2000 | 02:40 | 1.3                                                                     |
| 01Jan2000 | 02:45 | 0.2                                                                     |
| 01Jan2000 | 02:50 | 0.0                                                                     |
| 01Jan2000 | 02:55 | 0.0                                                                     |
| 01Jan2000 | 03:00 | 0.0                                                                     |
| 01Jan2000 | 03:05 | 0.0                                                                     |
| 01Jan2000 | 03:10 | 0.0                                                                     |
| 01Jan2000 | 03:15 | 0.0                                                                     |
| 01Jan2000 | 03:20 | 0.0                                                                     |
| 01Jan2000 | 03:25 | 0.0                                                                     |
| 01Jan2000 | 03:30 | 0.0                                                                     |
| 01Jan2000 | 03:35 | 0.0                                                                     |
| 01Jan2000 | 03:40 | 0.0                                                                     |
| 01Jan2000 | 03:45 | 0.0                                                                     |
| 01Jan2000 | 03:50 | 0.0                                                                     |
| 01Jan2000 | 03:55 | 0.0                                                                     |
| 01Jan2000 | 04:00 | 0.0                                                                     |
| 01Jan2000 | 04:05 | 0.0                                                                     |
| 01Jan2000 | 04:10 | 0.0                                                                     |
| 01Jan2000 | 04:15 | 0.0                                                                     |
| 01Jan2000 | 04:20 | 0.0                                                                     |
| 01Jan2000 | 04:25 | 0.0                                                                     |
| 01Jan2000 | 04:30 | 0.0                                                                     |
| 01Jan2000 | 04:35 | 0.0                                                                     |
| 01Jan2000 | 04:40 | 0.0                                                                     |
| 01Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 10yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 10-year 3-hour  
Compute Time: 24Sep2008, 11:40:01 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 437.3                | 01Jan2000, 02:45 | 36.9           |
| Horsethief1        | 0.128                            | 87.8                 | 01Jan2000, 02:40 | 6.3            |
| PacArea4           | 0.516                            | 311.4                | 01Jan2000, 02:45 | 24.5           |
| PacArea5           | 0.115                            | 87.6                 | 01Jan2000, 02:35 | 6.0            |
| PacJunction 4      | 0.644                            | 389.8                | 01Jan2000, 02:45 | 30.8           |
| PacNatural 2       | 0.128                            | 85.8                 | 01Jan2000, 02:40 | 6.3            |
| Pac Natural 3      | 0.644                            | 387.5                | 01Jan2000, 02:45 | 30.9           |

| Date      | Time  | Run "Ex-Outlet 2 10yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 1.5                                                                     |
| 01Jan2000 | 00:10 | 3.0                                                                     |
| 01Jan2000 | 00:15 | 2.8                                                                     |
| 01Jan2000 | 00:20 | 5.5                                                                     |
| 01Jan2000 | 00:25 | 8.9                                                                     |
| 01Jan2000 | 00:30 | 13.1                                                                    |
| 01Jan2000 | 00:35 | 18.5                                                                    |
| 01Jan2000 | 00:40 | 25.8                                                                    |
| 01Jan2000 | 00:45 | 33.8                                                                    |
| 01Jan2000 | 00:50 | 35.9                                                                    |
| 01Jan2000 | 00:55 | 39.1                                                                    |
| 01Jan2000 | 01:00 | 42.3                                                                    |
| 01Jan2000 | 01:05 | 44.5                                                                    |
| 01Jan2000 | 01:10 | 49.0                                                                    |
| 01Jan2000 | 01:15 | 58.1                                                                    |
| 01Jan2000 | 01:20 | 68.8                                                                    |
| 01Jan2000 | 01:25 | 78.9                                                                    |
| 01Jan2000 | 01:30 | 87.2                                                                    |
| 01Jan2000 | 01:35 | 92.0                                                                    |
| 01Jan2000 | 01:40 | 104.9                                                                   |
| 01Jan2000 | 01:45 | 118.6                                                                   |
| 01Jan2000 | 01:50 | 127.2                                                                   |
| 01Jan2000 | 01:55 | 137.7                                                                   |
| 01Jan2000 | 02:00 | 152.7                                                                   |
| 01Jan2000 | 02:05 | 158.6                                                                   |
| 01Jan2000 | 02:10 | 167.2                                                                   |
| 01Jan2000 | 02:15 | 186.0                                                                   |
| 01Jan2000 | 02:20 | 202.6                                                                   |

| Date      | Time  | Run "Ex-Outlet 2 10yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 246.9                                                                   |
| 01Jan2000 | 02:30 | 299.2                                                                   |
| 01Jan2000 | 02:35 | 347.9                                                                   |
| 01Jan2000 | 02:40 | 420.2                                                                   |
| 01Jan2000 | 02:45 | 437.3                                                                   |
| 01Jan2000 | 02:50 | 406.1                                                                   |
| 01Jan2000 | 02:55 | 323.4                                                                   |
| 01Jan2000 | 03:00 | 229.6                                                                   |
| 01Jan2000 | 03:05 | 163.7                                                                   |
| 01Jan2000 | 03:10 | 121.1                                                                   |
| 01Jan2000 | 03:15 | 85.3                                                                    |
| 01Jan2000 | 03:20 | 60.5                                                                    |
| 01Jan2000 | 03:25 | 43.5                                                                    |
| 01Jan2000 | 03:30 | 30.9                                                                    |
| 01Jan2000 | 03:35 | 21.8                                                                    |
| 01Jan2000 | 03:40 | 15.3                                                                    |
| 01Jan2000 | 03:45 | 10.7                                                                    |
| 01Jan2000 | 03:50 | 7.9                                                                     |
| 01Jan2000 | 03:55 | 6.0                                                                     |
| 01Jan2000 | 04:00 | 4.4                                                                     |
| 01Jan2000 | 04:05 | 3.4                                                                     |
| 01Jan2000 | 04:10 | 2.9                                                                     |
| 01Jan2000 | 04:15 | 2.4                                                                     |
| 01Jan2000 | 04:20 | 1.8                                                                     |
| 01Jan2000 | 04:25 | 1.2                                                                     |
| 01Jan2000 | 04:30 | 0.6                                                                     |
| 01Jan2000 | 04:35 | 0.2                                                                     |
| 01Jan2000 | 04:40 | 0.1                                                                     |
| 01Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 10yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 10-year 6-hour  
Compute Time: 24Sep2008, 11:40:25 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 415.9                | 01Jan2000, 05:35 | 42.0           |
| Horsethief1        | 0.128                            | 83.0                 | 01Jan2000, 05:35 | 7.1            |
| PacArea4           | 0.516                            | 293.2                | 01Jan2000, 05:35 | 27.8           |
| PacArea5           | 0.115                            | 85.6                 | 01Jan2000, 05:30 | 7.0            |
| PacJunction 4      | 0.644                            | 375.2                | 01Jan2000, 05:35 | 34.9           |
| PacNatural 2       | 0.128                            | 82.0                 | 01Jan2000, 05:35 | 7.1            |
| Pac Natural 3      | 0.644                            | 372.3                | 01Jan2000, 05:40 | 35.0           |

| Date      | Time  | Run "Ex-Outlet 2 10yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 0.0                                                                     |
| 01Jan2000 | 00:10 | 0.0                                                                     |
| 01Jan2000 | 00:15 | 0.0                                                                     |
| 01Jan2000 | 00:20 | 0.0                                                                     |
| 01Jan2000 | 00:25 | 0.0                                                                     |
| 01Jan2000 | 00:30 | 0.0                                                                     |
| 01Jan2000 | 00:35 | 0.0                                                                     |
| 01Jan2000 | 00:40 | 0.0                                                                     |
| 01Jan2000 | 00:45 | 0.0                                                                     |
| 01Jan2000 | 00:50 | 0.0                                                                     |
| 01Jan2000 | 00:55 | 0.0                                                                     |
| 01Jan2000 | 01:00 | 0.6                                                                     |
| 01Jan2000 | 01:05 | 1.2                                                                     |
| 01Jan2000 | 01:10 | 1.4                                                                     |
| 01Jan2000 | 01:15 | 1.4                                                                     |
| 01Jan2000 | 01:20 | 1.5                                                                     |
| 01Jan2000 | 01:25 | 1.5                                                                     |
| 01Jan2000 | 01:30 | 1.5                                                                     |
| 01Jan2000 | 01:35 | 1.5                                                                     |
| 01Jan2000 | 01:40 | 1.5                                                                     |
| 01Jan2000 | 01:45 | 1.5                                                                     |
| 01Jan2000 | 01:50 | 1.5                                                                     |
| 01Jan2000 | 01:55 | 1.5                                                                     |
| 01Jan2000 | 02:00 | 2.4                                                                     |
| 01Jan2000 | 02:05 | 2.6                                                                     |
| 01Jan2000 | 02:10 | 3.3                                                                     |
| 01Jan2000 | 02:15 | 5.1                                                                     |
| 01Jan2000 | 02:20 | 6.2                                                                     |

| Date      | Time  | Run "Ex-Outlet 2 10yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 7.4                                                                     |
| 01Jan2000 | 02:30 | 8.8                                                                     |
| 01Jan2000 | 02:35 | 9.7                                                                     |
| 01Jan2000 | 02:40 | 10.3                                                                    |
| 01Jan2000 | 02:45 | 11.5                                                                    |
| 01Jan2000 | 02:50 | 12.9                                                                    |
| 01Jan2000 | 02:55 | 14.6                                                                    |
| 01Jan2000 | 03:00 | 17.5                                                                    |
| 01Jan2000 | 03:05 | 20.2                                                                    |
| 01Jan2000 | 03:10 | 22.6                                                                    |
| 01Jan2000 | 03:15 | 24.8                                                                    |
| 01Jan2000 | 03:20 | 27.1                                                                    |
| 01Jan2000 | 03:25 | 31.2                                                                    |
| 01Jan2000 | 03:30 | 36.2                                                                    |
| 01Jan2000 | 03:35 | 41.5                                                                    |
| 01Jan2000 | 03:40 | 48.7                                                                    |
| 01Jan2000 | 03:45 | 57.5                                                                    |
| 01Jan2000 | 03:50 | 66.1                                                                    |
| 01Jan2000 | 03:55 | 73.6                                                                    |
| 01Jan2000 | 04:00 | 81.1                                                                    |
| 01Jan2000 | 04:05 | 88.1                                                                    |
| 01Jan2000 | 04:10 | 96.1                                                                    |
| 01Jan2000 | 04:15 | 104.2                                                                   |
| 01Jan2000 | 04:20 | 114.0                                                                   |
| 01Jan2000 | 04:25 | 125.3                                                                   |
| 01Jan2000 | 04:30 | 136.5                                                                   |
| 01Jan2000 | 04:35 | 147.6                                                                   |
| 01Jan2000 | 04:40 | 158.5                                                                   |
| 01Jan2000 | 04:45 | 168.2                                                                   |

| Date      | Time  | Run "Ex-Outlet 2 10yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 178.3                                                                   |
| 01Jan2000 | 04:55 | 188.9                                                                   |
| 01Jan2000 | 05:00 | 199.6                                                                   |
| 01Jan2000 | 05:05 | 212.7                                                                   |
| 01Jan2000 | 05:10 | 233.0                                                                   |
| 01Jan2000 | 05:15 | 260.5                                                                   |
| 01Jan2000 | 05:20 | 300.5                                                                   |
| 01Jan2000 | 05:25 | 347.4                                                                   |
| 01Jan2000 | 05:30 | 398.9                                                                   |
| 01Jan2000 | 05:35 | 415.9                                                                   |
| 01Jan2000 | 05:40 | 401.2                                                                   |
| 01Jan2000 | 05:45 | 351.7                                                                   |
| 01Jan2000 | 05:50 | 245.2                                                                   |
| 01Jan2000 | 05:55 | 165.0                                                                   |
| 01Jan2000 | 06:00 | 111.4                                                                   |
| 01Jan2000 | 06:05 | 79.6                                                                    |
| 01Jan2000 | 06:10 | 58.2                                                                    |
| 01Jan2000 | 06:15 | 42.2                                                                    |
| 01Jan2000 | 06:20 | 30.0                                                                    |
| 01Jan2000 | 06:25 | 21.4                                                                    |
| 01Jan2000 | 06:30 | 15.2                                                                    |
| 01Jan2000 | 06:35 | 10.5                                                                    |
| 01Jan2000 | 06:40 | 7.4                                                                     |
| 01Jan2000 | 06:45 | 5.7                                                                     |
| 01Jan2000 | 06:50 | 4.4                                                                     |
| 01Jan2000 | 06:55 | 3.4                                                                     |
| 01Jan2000 | 07:00 | 2.7                                                                     |
| 01Jan2000 | 07:05 | 2.3                                                                     |
| 01Jan2000 | 07:10 | 1.8                                                                     |



| Date      | Time  | Run "Ex-Outlet 2 10yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 1.3                                                                     |
| 01Jan2000 | 07:20 | 0.7                                                                     |
| 01Jan2000 | 07:25 | 0.2                                                                     |
| 01Jan2000 | 07:30 | 0.0                                                                     |
| 01Jan2000 | 07:35 | 0.0                                                                     |
| 01Jan2000 | 07:40 | 0.0                                                                     |
| 01Jan2000 | 07:45 | 0.0                                                                     |
| 01Jan2000 | 07:50 | 0.0                                                                     |
| 01Jan2000 | 07:55 | 0.0                                                                     |
| 01Jan2000 | 08:00 | 0.0                                                                     |
| 01Jan2000 | 08:05 | 0.0                                                                     |
| 01Jan2000 | 08:10 | 0.0                                                                     |
| 01Jan2000 | 08:15 | 0.0                                                                     |
| 01Jan2000 | 08:20 | 0.0                                                                     |
| 01Jan2000 | 08:25 | 0.0                                                                     |
| 01Jan2000 | 08:30 | 0.0                                                                     |
| 01Jan2000 | 08:35 | 0.0                                                                     |
| 01Jan2000 | 08:40 | 0.0                                                                     |
| 01Jan2000 | 08:45 | 0.0                                                                     |
| 01Jan2000 | 08:50 | 0.0                                                                     |
| 01Jan2000 | 08:55 | 0.0                                                                     |
| 01Jan2000 | 09:00 | 0.0                                                                     |
| 01Jan2000 | 09:05 | 0.0                                                                     |
| 01Jan2000 | 09:10 | 0.0                                                                     |
| 01Jan2000 | 09:15 | 0.0                                                                     |
| 01Jan2000 | 09:20 | 0.0                                                                     |
| 01Jan2000 | 09:25 | 0.0                                                                     |
| 01Jan2000 | 09:30 | 0.0                                                                     |
| 01Jan2000 | 09:35 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 10yr-24hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC II 24-hr  
End of Run: 03Jan2000, 00:00 Meteorologic Model: 10-year 24-hour  
Compute Time: 24Sep2008, 11:38:53 Control Specifications: 24-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759               | 173.0                | 01Jan2000, 13:30 | 63.8           |
| Horsethief1        | 0.128               | 30.8                 | 01Jan2000, 13:30 | 10.8           |
| PacArea4           | 0.516               | 120.0                | 01Jan2000, 13:30 | 43.4           |
| PacArea5           | 0.115               | 28.1                 | 01Jan2000, 13:30 | 9.7            |
| PacJunction 4      | 0.644               | 150.6                | 01Jan2000, 13:30 | 54.1           |
| PacNatural 2       | 0.128               | 30.6                 | 01Jan2000, 13:30 | 10.8           |
| Pac Natural 3      | 0.644               | 144.9                | 01Jan2000, 13:30 | 54.1           |

| Date      | Time  | Run "Ex-Outlet 2 10yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:15 | 1.0                                                                      |
| 01Jan2000 | 00:30 | 2.5                                                                      |
| 01Jan2000 | 00:45 | 3.4                                                                      |
| 01Jan2000 | 01:00 | 4.3                                                                      |
| 01Jan2000 | 01:15 | 4.6                                                                      |
| 01Jan2000 | 01:30 | 4.3                                                                      |
| 01Jan2000 | 01:45 | 4.1                                                                      |
| 01Jan2000 | 02:00 | 4.5                                                                      |
| 01Jan2000 | 02:15 | 5.2                                                                      |
| 01Jan2000 | 02:30 | 5.7                                                                      |
| 01Jan2000 | 02:45 | 6.4                                                                      |
| 01Jan2000 | 03:00 | 7.2                                                                      |
| 01Jan2000 | 03:15 | 7.6                                                                      |
| 01Jan2000 | 03:30 | 7.8                                                                      |
| 01Jan2000 | 03:45 | 7.8                                                                      |
| 01Jan2000 | 04:00 | 8.4                                                                      |
| 01Jan2000 | 04:15 | 9.2                                                                      |
| 01Jan2000 | 04:30 | 10.1                                                                     |
| 01Jan2000 | 04:45 | 11.0                                                                     |
| 01Jan2000 | 05:00 | 11.5                                                                     |
| 01Jan2000 | 05:15 | 11.1                                                                     |
| 01Jan2000 | 05:30 | 11.0                                                                     |
| 01Jan2000 | 05:45 | 11.3                                                                     |
| 01Jan2000 | 06:00 | 11.6                                                                     |
| 01Jan2000 | 06:15 | 12.3                                                                     |
| 01Jan2000 | 06:30 | 13.1                                                                     |
| 01Jan2000 | 06:45 | 14.1                                                                     |
| 01Jan2000 | 07:00 | 15.0                                                                     |

| Date      | Time  | Run "Ex-Outlet 2 10yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 15.4                                                                     |
| 01Jan2000 | 07:30 | 16.2                                                                     |
| 01Jan2000 | 07:45 | 17.6                                                                     |
| 01Jan2000 | 08:00 | 18.8                                                                     |
| 01Jan2000 | 08:15 | 15.1                                                                     |
| 01Jan2000 | 08:30 | 10.2                                                                     |
| 01Jan2000 | 08:45 | 10.3                                                                     |
| 01Jan2000 | 09:00 | 16.0                                                                     |
| 01Jan2000 | 09:15 | 27.2                                                                     |
| 01Jan2000 | 09:30 | 39.8                                                                     |
| 01Jan2000 | 09:45 | 51.1                                                                     |
| 01Jan2000 | 10:00 | 60.8                                                                     |
| 01Jan2000 | 10:15 | 49.1                                                                     |
| 01Jan2000 | 10:30 | 32.6                                                                     |
| 01Jan2000 | 10:45 | 37.2                                                                     |
| 01Jan2000 | 11:00 | 50.2                                                                     |
| 01Jan2000 | 11:15 | 55.2                                                                     |
| 01Jan2000 | 11:30 | 56.1                                                                     |
| 01Jan2000 | 11:45 | 51.2                                                                     |
| 01Jan2000 | 12:00 | 48.7                                                                     |
| 01Jan2000 | 12:15 | 68.7                                                                     |
| 01Jan2000 | 12:30 | 94.8                                                                     |
| 01Jan2000 | 12:45 | 115.3                                                                    |
| 01Jan2000 | 13:00 | 130.2                                                                    |
| 01Jan2000 | 13:15 | 154.3                                                                    |
| 01Jan2000 | 13:30 | 173.0                                                                    |
| 01Jan2000 | 13:45 | 147.6                                                                    |
| 01Jan2000 | 14:00 | 121.7                                                                    |
| 01Jan2000 | 14:15 | 120.2                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 10yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 14:30 | 125.0                                                                    |
| 01Jan2000 | 14:45 | 127.6                                                                    |
| 01Jan2000 | 15:00 | 125.8                                                                    |
| 01Jan2000 | 15:15 | 121.1                                                                    |
| 01Jan2000 | 15:30 | 114.8                                                                    |
| 01Jan2000 | 15:45 | 100.1                                                                    |
| 01Jan2000 | 16:00 | 87.7                                                                     |
| 01Jan2000 | 16:15 | 57.2                                                                     |
| 01Jan2000 | 16:30 | 28.7                                                                     |
| 01Jan2000 | 16:45 | 13.5                                                                     |
| 01Jan2000 | 17:00 | 7.6                                                                      |
| 01Jan2000 | 17:15 | 6.3                                                                      |
| 01Jan2000 | 17:30 | 7.0                                                                      |
| 01Jan2000 | 17:45 | 7.6                                                                      |
| 01Jan2000 | 18:00 | 7.1                                                                      |
| 01Jan2000 | 18:15 | 6.5                                                                      |
| 01Jan2000 | 18:30 | 6.1                                                                      |
| 01Jan2000 | 18:45 | 5.4                                                                      |
| 01Jan2000 | 19:00 | 4.6                                                                      |
| 01Jan2000 | 19:15 | 4.2                                                                      |
| 01Jan2000 | 19:30 | 4.5                                                                      |
| 01Jan2000 | 19:45 | 4.7                                                                      |
| 01Jan2000 | 20:00 | 4.4                                                                      |
| 01Jan2000 | 20:15 | 4.1                                                                      |
| 01Jan2000 | 20:30 | 4.0                                                                      |
| 01Jan2000 | 20:45 | 3.9                                                                      |
| 01Jan2000 | 21:00 | 3.9                                                                      |
| 01Jan2000 | 21:15 | 3.9                                                                      |
| 01Jan2000 | 21:30 | 3.9                                                                      |

| Date      | Time  | Run "Ex-Outlet 2 10yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 21:45 | 3.9                                                                      |
| 01Jan2000 | 22:00 | 3.9                                                                      |
| 01Jan2000 | 22:15 | 3.9                                                                      |
| 01Jan2000 | 22:30 | 3.9                                                                      |
| 01Jan2000 | 22:45 | 3.9                                                                      |
| 01Jan2000 | 23:00 | 3.9                                                                      |
| 01Jan2000 | 23:15 | 3.9                                                                      |
| 01Jan2000 | 23:30 | 3.9                                                                      |
| 01Jan2000 | 23:45 | 3.9                                                                      |
| 02Jan2000 | 00:00 | 7.2                                                                      |
| 02Jan2000 | 00:15 | 7.3                                                                      |
| 02Jan2000 | 00:30 | 3.9                                                                      |
| 02Jan2000 | 00:45 | 1.5                                                                      |
| 02Jan2000 | 01:00 | 0.6                                                                      |
| 02Jan2000 | 01:15 | 0.1                                                                      |
| 02Jan2000 | 01:30 | 0.1                                                                      |
| 02Jan2000 | 01:45 | 0.0                                                                      |
| 02Jan2000 | 02:00 | 0.0                                                                      |
| 02Jan2000 | 02:15 | 0.0                                                                      |
| 02Jan2000 | 02:30 | 0.0                                                                      |
| 02Jan2000 | 02:45 | 0.0                                                                      |
| 02Jan2000 | 03:00 | 0.0                                                                      |
| 02Jan2000 | 03:15 | 0.0                                                                      |
| 02Jan2000 | 03:30 | 0.0                                                                      |
| 02Jan2000 | 03:45 | 0.0                                                                      |
| 02Jan2000 | 04:00 | 0.0                                                                      |
| 02Jan2000 | 04:15 | 0.0                                                                      |
| 02Jan2000 | 04:30 | 0.0                                                                      |
| 02Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 5yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 5-year 1-hour  
Compute Time: 24Sep2008, 11:45:52 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 418.7                | 01Jan2000, 01:05 | 15.4           |
| Horsethief1        | 0.128                            | 106.8                | 01Jan2000, 00:55 | 2.9            |
| PacArea4           | 0.516                            | 344.0                | 01Jan2000, 01:00 | 10.0           |
| PacArea5           | 0.115                            | 108.7                | 01Jan2000, 00:50 | 2.5            |
| PacJunction 4      | 0.644                            | 423.7                | 01Jan2000, 01:00 | 12.8           |
| PacNatural 2       | 0.128                            | 96.3                 | 01Jan2000, 00:55 | 2.9            |
| Pac Natural 3      | 0.644                            | 404.2                | 01Jan2000, 01:05 | 12.9           |

| Date      | Time  | Run "Ex-Outlet 2 5yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.3                                                                    |
| 01Jan2000 | 00:15 | 1.6                                                                    |
| 01Jan2000 | 00:20 | 3.8                                                                    |
| 01Jan2000 | 00:25 | 7.8                                                                    |
| 01Jan2000 | 00:30 | 14.4                                                                   |
| 01Jan2000 | 00:35 | 26.3                                                                   |
| 01Jan2000 | 00:40 | 47.6                                                                   |
| 01Jan2000 | 00:45 | 86.2                                                                   |
| 01Jan2000 | 00:50 | 191.0                                                                  |
| 01Jan2000 | 00:55 | 270.8                                                                  |
| 01Jan2000 | 01:00 | 357.8                                                                  |
| 01Jan2000 | 01:05 | 418.7                                                                  |
| 01Jan2000 | 01:10 | 255.9                                                                  |
| 01Jan2000 | 01:15 | 160.5                                                                  |
| 01Jan2000 | 01:20 | 108.5                                                                  |
| 01Jan2000 | 01:25 | 77.2                                                                   |
| 01Jan2000 | 01:30 | 56.9                                                                   |
| 01Jan2000 | 01:35 | 42.0                                                                   |
| 01Jan2000 | 01:40 | 29.7                                                                   |
| 01Jan2000 | 01:45 | 21.2                                                                   |
| 01Jan2000 | 01:50 | 15.4                                                                   |
| 01Jan2000 | 01:55 | 9.7                                                                    |
| 01Jan2000 | 02:00 | 6.2                                                                    |
| 01Jan2000 | 02:05 | 5.0                                                                    |
| 01Jan2000 | 02:10 | 4.0                                                                    |
| 01Jan2000 | 02:15 | 2.8                                                                    |
| 01Jan2000 | 02:20 | 2.1                                                                    |



| Date      | Time  | Run "Ex-Outlet 2 5yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 2.1                                                                    |
| 01Jan2000 | 02:30 | 2.2                                                                    |
| 01Jan2000 | 02:35 | 1.8                                                                    |
| 01Jan2000 | 02:40 | 0.9                                                                    |
| 01Jan2000 | 02:45 | 0.1                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.0                                                                    |
| 01Jan2000 | 03:55 | 0.0                                                                    |
| 01Jan2000 | 04:00 | 0.0                                                                    |
| 01Jan2000 | 04:05 | 0.0                                                                    |
| 01Jan2000 | 04:10 | 0.0                                                                    |
| 01Jan2000 | 04:15 | 0.0                                                                    |
| 01Jan2000 | 04:20 | 0.0                                                                    |
| 01Jan2000 | 04:25 | 0.0                                                                    |
| 01Jan2000 | 04:30 | 0.0                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 5yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 5-year 3-hour  
Compute Time: 24Sep2008, 11:47:52 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 268.2                | 01Jan2000, 02:45 | 14.9           |
| Horsethief1        | 0.128                            | 61.7                 | 01Jan2000, 02:40 | 3.0            |
| PacArea4           | 0.516                            | 194.1                | 01Jan2000, 02:45 | 9.4            |
| PacArea5           | 0.115                            | 60.0                 | 01Jan2000, 02:35 | 2.5            |
| PacJunction 4      | 0.644                            | 248.3                | 01Jan2000, 02:45 | 12.4           |
| PacNatural 2       | 0.128                            | 59.8                 | 01Jan2000, 02:40 | 3.0            |
| Pac Natural 3      | 0.644                            | 243.2                | 01Jan2000, 02:50 | 12.4           |

| Date      | Time  | Run "Ex-Outlet 2 5yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.1                                                                    |
| 01Jan2000 | 01:15 | 0.2                                                                    |
| 01Jan2000 | 01:20 | 0.4                                                                    |
| 01Jan2000 | 01:25 | 2.2                                                                    |
| 01Jan2000 | 01:30 | 4.4                                                                    |
| 01Jan2000 | 01:35 | 4.6                                                                    |
| 01Jan2000 | 01:40 | 7.0                                                                    |
| 01Jan2000 | 01:45 | 13.5                                                                   |
| 01Jan2000 | 01:50 | 18.0                                                                   |
| 01Jan2000 | 01:55 | 22.1                                                                   |
| 01Jan2000 | 02:00 | 31.5                                                                   |
| 01Jan2000 | 02:05 | 38.7                                                                   |
| 01Jan2000 | 02:10 | 45.3                                                                   |
| 01Jan2000 | 02:15 | 57.8                                                                   |
| 01Jan2000 | 02:20 | 68.5                                                                   |

| Date      | Time  | Run "Ex-Outlet 2 5yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 103.8                                                                  |
| 01Jan2000 | 02:30 | 148.0                                                                  |
| 01Jan2000 | 02:35 | 182.9                                                                  |
| 01Jan2000 | 02:40 | 244.6                                                                  |
| 01Jan2000 | 02:45 | 268.2                                                                  |
| 01Jan2000 | 02:50 | 253.7                                                                  |
| 01Jan2000 | 02:55 | 200.5                                                                  |
| 01Jan2000 | 03:00 | 136.7                                                                  |
| 01Jan2000 | 03:05 | 89.8                                                                   |
| 01Jan2000 | 03:10 | 63.0                                                                   |
| 01Jan2000 | 03:15 | 45.7                                                                   |
| 01Jan2000 | 03:20 | 33.2                                                                   |
| 01Jan2000 | 03:25 | 24.2                                                                   |
| 01Jan2000 | 03:30 | 17.3                                                                   |
| 01Jan2000 | 03:35 | 12.1                                                                   |
| 01Jan2000 | 03:40 | 8.4                                                                    |
| 01Jan2000 | 03:45 | 5.7                                                                    |
| 01Jan2000 | 03:50 | 4.2                                                                    |
| 01Jan2000 | 03:55 | 3.2                                                                    |
| 01Jan2000 | 04:00 | 2.5                                                                    |
| 01Jan2000 | 04:05 | 1.9                                                                    |
| 01Jan2000 | 04:10 | 1.7                                                                    |
| 01Jan2000 | 04:15 | 1.5                                                                    |
| 01Jan2000 | 04:20 | 1.2                                                                    |
| 01Jan2000 | 04:25 | 0.8                                                                    |
| 01Jan2000 | 04:30 | 0.2                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 5yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 5-year 6-hour  
Compute Time: 24Sep2008, 11:49:06 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759               | 251.2                | 01Jan2000, 05:35 | 16.9           |
| Horsethief1        | 0.128               | 58.0                 | 01Jan2000, 05:35 | 3.4            |
| PacArea4           | 0.516               | 179.6                | 01Jan2000, 05:40 | 10.6           |
| PacArea5           | 0.115               | 58.8                 | 01Jan2000, 05:30 | 2.9            |
| PacJunction 4      | 0.644               | 235.5                | 01Jan2000, 05:35 | 14.0           |
| PacNatural 2       | 0.128               | 57.1                 | 01Jan2000, 05:35 | 3.4            |
| Pac Natural 3      | 0.644               | 232.0                | 01Jan2000, 05:40 | 14.1           |

| Date      | Time  | Run "Ex-Outlet 2 5yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.0                                                                    |
| 01Jan2000 | 01:15 | 0.0                                                                    |
| 01Jan2000 | 01:20 | 0.0                                                                    |
| 01Jan2000 | 01:25 | 0.0                                                                    |
| 01Jan2000 | 01:30 | 0.0                                                                    |
| 01Jan2000 | 01:35 | 0.0                                                                    |
| 01Jan2000 | 01:40 | 0.0                                                                    |
| 01Jan2000 | 01:45 | 0.0                                                                    |
| 01Jan2000 | 01:50 | 0.0                                                                    |
| 01Jan2000 | 01:55 | 0.0                                                                    |
| 01Jan2000 | 02:00 | 0.0                                                                    |
| 01Jan2000 | 02:05 | 0.0                                                                    |
| 01Jan2000 | 02:10 | 0.0                                                                    |
| 01Jan2000 | 02:15 | 0.0                                                                    |
| 01Jan2000 | 02:20 | 0.0                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 5yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 0.0                                                                    |
| 01Jan2000 | 02:30 | 0.0                                                                    |
| 01Jan2000 | 02:35 | 0.0                                                                    |
| 01Jan2000 | 02:40 | 0.0                                                                    |
| 01Jan2000 | 02:45 | 0.0                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.1                                                                    |
| 01Jan2000 | 03:55 | 0.7                                                                    |
| 01Jan2000 | 04:00 | 1.2                                                                    |
| 01Jan2000 | 04:05 | 2.4                                                                    |
| 01Jan2000 | 04:10 | 4.4                                                                    |
| 01Jan2000 | 04:15 | 6.9                                                                    |
| 01Jan2000 | 04:20 | 10.1                                                                   |
| 01Jan2000 | 04:25 | 14.8                                                                   |
| 01Jan2000 | 04:30 | 21.0                                                                   |
| 01Jan2000 | 04:35 | 28.8                                                                   |
| 01Jan2000 | 04:40 | 37.3                                                                   |
| 01Jan2000 | 04:45 | 45.2                                                                   |

| Date      | Time  | Run "Ex-Outlet 2 5yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 52.8                                                                   |
| 01Jan2000 | 04:55 | 61.4                                                                   |
| 01Jan2000 | 05:00 | 70.5                                                                   |
| 01Jan2000 | 05:05 | 81.6                                                                   |
| 01Jan2000 | 05:10 | 97.3                                                                   |
| 01Jan2000 | 05:15 | 118.2                                                                  |
| 01Jan2000 | 05:20 | 148.5                                                                  |
| 01Jan2000 | 05:25 | 189.0                                                                  |
| 01Jan2000 | 05:30 | 234.1                                                                  |
| 01Jan2000 | 05:35 | 251.2                                                                  |
| 01Jan2000 | 05:40 | 247.2                                                                  |
| 01Jan2000 | 05:45 | 223.8                                                                  |
| 01Jan2000 | 05:50 | 155.2                                                                  |
| 01Jan2000 | 05:55 | 102.4                                                                  |
| 01Jan2000 | 06:00 | 69.9                                                                   |
| 01Jan2000 | 06:05 | 50.2                                                                   |
| 01Jan2000 | 06:10 | 36.6                                                                   |
| 01Jan2000 | 06:15 | 26.7                                                                   |
| 01Jan2000 | 06:20 | 19.0                                                                   |
| 01Jan2000 | 06:25 | 13.5                                                                   |
| 01Jan2000 | 06:30 | 9.6                                                                    |
| 01Jan2000 | 06:35 | 6.6                                                                    |
| 01Jan2000 | 06:40 | 4.5                                                                    |
| 01Jan2000 | 06:45 | 3.5                                                                    |
| 01Jan2000 | 06:50 | 2.8                                                                    |
| 01Jan2000 | 06:55 | 2.1                                                                    |
| 01Jan2000 | 07:00 | 1.7                                                                    |
| 01Jan2000 | 07:05 | 1.4                                                                    |
| 01Jan2000 | 07:10 | 1.2                                                                    |



| Date      | Time  | Run "Ex-Outlet 2 5yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 0.9                                                                    |
| 01Jan2000 | 07:20 | 0.4                                                                    |
| 01Jan2000 | 07:25 | 0.1                                                                    |
| 01Jan2000 | 07:30 | 0.0                                                                    |
| 01Jan2000 | 07:35 | 0.0                                                                    |
| 01Jan2000 | 07:40 | 0.0                                                                    |
| 01Jan2000 | 07:45 | 0.0                                                                    |
| 01Jan2000 | 07:50 | 0.0                                                                    |
| 01Jan2000 | 07:55 | 0.0                                                                    |
| 01Jan2000 | 08:00 | 0.0                                                                    |
| 01Jan2000 | 08:05 | 0.0                                                                    |
| 01Jan2000 | 08:10 | 0.0                                                                    |
| 01Jan2000 | 08:15 | 0.0                                                                    |
| 01Jan2000 | 08:20 | 0.0                                                                    |
| 01Jan2000 | 08:25 | 0.0                                                                    |
| 01Jan2000 | 08:30 | 0.0                                                                    |
| 01Jan2000 | 08:35 | 0.0                                                                    |
| 01Jan2000 | 08:40 | 0.0                                                                    |
| 01Jan2000 | 08:45 | 0.0                                                                    |
| 01Jan2000 | 08:50 | 0.0                                                                    |
| 01Jan2000 | 08:55 | 0.0                                                                    |
| 01Jan2000 | 09:00 | 0.0                                                                    |
| 01Jan2000 | 09:05 | 0.0                                                                    |
| 01Jan2000 | 09:10 | 0.0                                                                    |
| 01Jan2000 | 09:15 | 0.0                                                                    |
| 01Jan2000 | 09:20 | 0.0                                                                    |
| 01Jan2000 | 09:25 | 0.0                                                                    |
| 01Jan2000 | 09:30 | 0.0                                                                    |
| 01Jan2000 | 09:35 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 5yr-24hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I 24-hr  
End of Run: 03Jan2000, 00:00 Meteorologic Model: 5-year 24-hour  
Compute Time: 24Sep2008, 11:46:29 Control Specifications: 24-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 54.5                 | 01Jan2000, 13:30 | 26.5           |
| Horsethief1        | 0.128                            | 16.6                 | 01Jan2000, 13:30 | 5.6            |
| PacArea4           | 0.516                            | 36.1                 | 01Jan2000, 13:30 | 17.1           |
| PacArea5           | 0.115                            | 9.1                  | 01Jan2000, 13:30 | 3.8            |
| PacJunction 4      | 0.644                            | 52.5                 | 01Jan2000, 13:30 | 22.7           |
| PacNatural 2       | 0.128                            | 16.4                 | 01Jan2000, 13:30 | 5.6            |
| Pac Natural 3      | 0.644                            | 48.5                 | 01Jan2000, 13:45 | 22.7           |

| Date      | Time  | Run "Ex-Outlet 2 5yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:15 | 0.5                                                                     |
| 01Jan2000 | 00:30 | 1.4                                                                     |
| 01Jan2000 | 00:45 | 2.7                                                                     |
| 01Jan2000 | 01:00 | 3.9                                                                     |
| 01Jan2000 | 01:15 | 4.5                                                                     |
| 01Jan2000 | 01:30 | 4.4                                                                     |
| 01Jan2000 | 01:45 | 4.1                                                                     |
| 01Jan2000 | 02:00 | 4.4                                                                     |
| 01Jan2000 | 02:15 | 5.1                                                                     |
| 01Jan2000 | 02:30 | 5.6                                                                     |
| 01Jan2000 | 02:45 | 5.8                                                                     |
| 01Jan2000 | 03:00 | 5.8                                                                     |
| 01Jan2000 | 03:15 | 5.9                                                                     |
| 01Jan2000 | 03:30 | 5.9                                                                     |
| 01Jan2000 | 03:45 | 5.9                                                                     |
| 01Jan2000 | 04:00 | 6.3                                                                     |
| 01Jan2000 | 04:15 | 7.0                                                                     |
| 01Jan2000 | 04:30 | 8.0                                                                     |
| 01Jan2000 | 04:45 | 8.9                                                                     |
| 01Jan2000 | 05:00 | 9.5                                                                     |
| 01Jan2000 | 05:15 | 9.3                                                                     |
| 01Jan2000 | 05:30 | 9.0                                                                     |
| 01Jan2000 | 05:45 | 9.3                                                                     |
| 01Jan2000 | 06:00 | 9.6                                                                     |
| 01Jan2000 | 06:15 | 10.1                                                                    |
| 01Jan2000 | 06:30 | 11.0                                                                    |
| 01Jan2000 | 06:45 | 11.9                                                                    |
| 01Jan2000 | 07:00 | 12.8                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 5yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 13.4                                                                    |
| 01Jan2000 | 07:30 | 14.0                                                                    |
| 01Jan2000 | 07:45 | 14.9                                                                    |
| 01Jan2000 | 08:00 | 15.8                                                                    |
| 01Jan2000 | 08:15 | 17.2                                                                    |
| 01Jan2000 | 08:30 | 18.6                                                                    |
| 01Jan2000 | 08:45 | 19.7                                                                    |
| 01Jan2000 | 09:00 | 21.1                                                                    |
| 01Jan2000 | 09:15 | 22.9                                                                    |
| 01Jan2000 | 09:30 | 24.8                                                                    |
| 01Jan2000 | 09:45 | 26.4                                                                    |
| 01Jan2000 | 10:00 | 27.5                                                                    |
| 01Jan2000 | 10:15 | 26.4                                                                    |
| 01Jan2000 | 10:30 | 22.9                                                                    |
| 01Jan2000 | 10:45 | 22.5                                                                    |
| 01Jan2000 | 11:00 | 24.9                                                                    |
| 01Jan2000 | 11:15 | 26.1                                                                    |
| 01Jan2000 | 11:30 | 25.9                                                                    |
| 01Jan2000 | 11:45 | 25.2                                                                    |
| 01Jan2000 | 12:00 | 24.3                                                                    |
| 01Jan2000 | 12:15 | 25.9                                                                    |
| 01Jan2000 | 12:30 | 30.4                                                                    |
| 01Jan2000 | 12:45 | 29.9                                                                    |
| 01Jan2000 | 13:00 | 27.6                                                                    |
| 01Jan2000 | 13:15 | 36.7                                                                    |
| 01Jan2000 | 13:30 | 54.5                                                                    |
| 01Jan2000 | 13:45 | 53.6                                                                    |
| 01Jan2000 | 14:00 | 41.7                                                                    |
| 01Jan2000 | 14:15 | 33.5                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 5yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 14:30 | 29.6                                                                    |
| 01Jan2000 | 14:45 | 27.0                                                                    |
| 01Jan2000 | 15:00 | 25.5                                                                    |
| 01Jan2000 | 15:15 | 22.7                                                                    |
| 01Jan2000 | 15:30 | 18.7                                                                    |
| 01Jan2000 | 15:45 | 18.6                                                                    |
| 01Jan2000 | 16:00 | 20.8                                                                    |
| 01Jan2000 | 16:15 | 18.8                                                                    |
| 01Jan2000 | 16:30 | 12.5                                                                    |
| 01Jan2000 | 16:45 | 8.0                                                                     |
| 01Jan2000 | 17:00 | 5.6                                                                     |
| 01Jan2000 | 17:15 | 4.9                                                                     |
| 01Jan2000 | 17:30 | 5.3                                                                     |
| 01Jan2000 | 17:45 | 5.7                                                                     |
| 01Jan2000 | 18:00 | 5.8                                                                     |
| 01Jan2000 | 18:15 | 5.8                                                                     |
| 01Jan2000 | 18:30 | 5.9                                                                     |
| 01Jan2000 | 18:45 | 5.5                                                                     |
| 01Jan2000 | 19:00 | 4.4                                                                     |
| 01Jan2000 | 19:15 | 3.5                                                                     |
| 01Jan2000 | 19:30 | 3.9                                                                     |
| 01Jan2000 | 19:45 | 4.5                                                                     |
| 01Jan2000 | 20:00 | 4.0                                                                     |
| 01Jan2000 | 20:15 | 3.4                                                                     |
| 01Jan2000 | 20:30 | 3.5                                                                     |
| 01Jan2000 | 20:45 | 3.7                                                                     |
| 01Jan2000 | 21:00 | 3.5                                                                     |
| 01Jan2000 | 21:15 | 3.2                                                                     |
| 01Jan2000 | 21:30 | 3.0                                                                     |

| Date      | Time  | Run "Ex-Outlet 2 5yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 21:45 | 3.0                                                                     |
| 01Jan2000 | 22:00 | 2.9                                                                     |
| 01Jan2000 | 22:15 | 3.0                                                                     |
| 01Jan2000 | 22:30 | 2.9                                                                     |
| 01Jan2000 | 22:45 | 2.6                                                                     |
| 01Jan2000 | 23:00 | 2.2                                                                     |
| 01Jan2000 | 23:15 | 2.1                                                                     |
| 01Jan2000 | 23:30 | 2.0                                                                     |
| 01Jan2000 | 23:45 | 2.0                                                                     |
| 02Jan2000 | 00:00 | 4.3                                                                     |
| 02Jan2000 | 00:15 | 6.1                                                                     |
| 02Jan2000 | 00:30 | 4.0                                                                     |
| 02Jan2000 | 00:45 | 1.7                                                                     |
| 02Jan2000 | 01:00 | 0.7                                                                     |
| 02Jan2000 | 01:15 | 0.2                                                                     |
| 02Jan2000 | 01:30 | 0.1                                                                     |
| 02Jan2000 | 01:45 | 0.0                                                                     |
| 02Jan2000 | 02:00 | 0.0                                                                     |
| 02Jan2000 | 02:15 | 0.0                                                                     |
| 02Jan2000 | 02:30 | 0.0                                                                     |
| 02Jan2000 | 02:45 | 0.0                                                                     |
| 02Jan2000 | 03:00 | 0.0                                                                     |
| 02Jan2000 | 03:15 | 0.0                                                                     |
| 02Jan2000 | 03:30 | 0.0                                                                     |
| 02Jan2000 | 03:45 | 0.0                                                                     |
| 02Jan2000 | 04:00 | 0.0                                                                     |
| 02Jan2000 | 04:15 | 0.0                                                                     |
| 02Jan2000 | 04:30 | 0.0                                                                     |
| 02Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 2yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 2-year 1-hour  
Compute Time: 24Sep2008, 11:41:49 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 288.7                | 01Jan2000, 01:05 | 9.5            |
| Horsethief1        | 0.128                            | 75.0                 | 01Jan2000, 00:55 | 1.8            |
| PacArea4           | 0.516                            | 235.5                | 01Jan2000, 01:00 | 6.1            |
| PacArea5           | 0.115                            | 76.6                 | 01Jan2000, 00:50 | 1.5            |
| PacJunction 4      | 0.644                            | 290.9                | 01Jan2000, 01:00 | 7.9            |
| PacNatural 2       | 0.128                            | 65.9                 | 01Jan2000, 00:55 | 1.8            |
| Pac Natural 3      | 0.644                            | 279.5                | 01Jan2000, 01:05 | 8.0            |

| Date      | Time  | Run "Ex-Outlet 2 2yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.2                                                                    |
| 01Jan2000 | 00:30 | 2.1                                                                    |
| 01Jan2000 | 00:35 | 5.8                                                                    |
| 01Jan2000 | 00:40 | 13.1                                                                   |
| 01Jan2000 | 00:45 | 32.2                                                                   |
| 01Jan2000 | 00:50 | 103.1                                                                  |
| 01Jan2000 | 00:55 | 151.8                                                                  |
| 01Jan2000 | 01:00 | 216.7                                                                  |
| 01Jan2000 | 01:05 | 288.7                                                                  |
| 01Jan2000 | 01:10 | 182.7                                                                  |
| 01Jan2000 | 01:15 | 113.3                                                                  |
| 01Jan2000 | 01:20 | 75.4                                                                   |
| 01Jan2000 | 01:25 | 53.6                                                                   |
| 01Jan2000 | 01:30 | 39.3                                                                   |
| 01Jan2000 | 01:35 | 29.3                                                                   |
| 01Jan2000 | 01:40 | 21.0                                                                   |
| 01Jan2000 | 01:45 | 14.8                                                                   |
| 01Jan2000 | 01:50 | 10.9                                                                   |
| 01Jan2000 | 01:55 | 7.2                                                                    |
| 01Jan2000 | 02:00 | 4.3                                                                    |
| 01Jan2000 | 02:05 | 3.4                                                                    |
| 01Jan2000 | 02:10 | 2.8                                                                    |
| 01Jan2000 | 02:15 | 1.9                                                                    |
| 01Jan2000 | 02:20 | 1.4                                                                    |



| Date      | Time  | Run "Ex-Outlet 2 2yr-1hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 1.3                                                                    |
| 01Jan2000 | 02:30 | 1.4                                                                    |
| 01Jan2000 | 02:35 | 1.3                                                                    |
| 01Jan2000 | 02:40 | 0.8                                                                    |
| 01Jan2000 | 02:45 | 0.1                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.0                                                                    |
| 01Jan2000 | 03:55 | 0.0                                                                    |
| 01Jan2000 | 04:00 | 0.0                                                                    |
| 01Jan2000 | 04:05 | 0.0                                                                    |
| 01Jan2000 | 04:10 | 0.0                                                                    |
| 01Jan2000 | 04:15 | 0.0                                                                    |
| 01Jan2000 | 04:20 | 0.0                                                                    |
| 01Jan2000 | 04:25 | 0.0                                                                    |
| 01Jan2000 | 04:30 | 0.0                                                                    |
| 01Jan2000 | 04:35 | 0.0                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 2yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 2-year 3-hour  
Compute Time: 24Sep2008, 11:45:06 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 163.2                | 01Jan2000, 02:45 | 8.0            |
| Horsethief1        | 0.128                            | 41.4                 | 01Jan2000, 02:40 | 1.6            |
| PacArea4           | 0.516                            | 122.6                | 01Jan2000, 02:45 | 5.0            |
| PacArea5           | 0.115                            | 40.5                 | 01Jan2000, 02:35 | 1.3            |
| PacJunction 4      | 0.644                            | 159.1                | 01Jan2000, 02:45 | 6.7            |
| PacNatural 2       | 0.128                            | 39.7                 | 01Jan2000, 02:40 | 1.6            |
| Pac Natural 3      | 0.644                            | 156.2                | 01Jan2000, 02:50 | 6.7            |

| Date      | Time  | Run "Ex-Outlet 2 2yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.0                                                                    |
| 01Jan2000 | 01:15 | 0.0                                                                    |
| 01Jan2000 | 01:20 | 0.0                                                                    |
| 01Jan2000 | 01:25 | 0.0                                                                    |
| 01Jan2000 | 01:30 | 0.0                                                                    |
| 01Jan2000 | 01:35 | 0.0                                                                    |
| 01Jan2000 | 01:40 | 0.0                                                                    |
| 01Jan2000 | 01:45 | 1.5                                                                    |
| 01Jan2000 | 01:50 | 2.3                                                                    |
| 01Jan2000 | 01:55 | 1.5                                                                    |
| 01Jan2000 | 02:00 | 1.9                                                                    |
| 01Jan2000 | 02:05 | 3.3                                                                    |
| 01Jan2000 | 02:10 | 8.1                                                                    |
| 01Jan2000 | 02:15 | 15.7                                                                   |
| 01Jan2000 | 02:20 | 18.3                                                                   |

| Date      | Time  | Run "Ex-Outlet 2 2yr-3hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 39.5                                                                   |
| 01Jan2000 | 02:30 | 70.6                                                                   |
| 01Jan2000 | 02:35 | 97.2                                                                   |
| 01Jan2000 | 02:40 | 130.2                                                                  |
| 01Jan2000 | 02:45 | 163.2                                                                  |
| 01Jan2000 | 02:50 | 163.0                                                                  |
| 01Jan2000 | 02:55 | 134.5                                                                  |
| 01Jan2000 | 03:00 | 95.2                                                                   |
| 01Jan2000 | 03:05 | 62.2                                                                   |
| 01Jan2000 | 03:10 | 43.0                                                                   |
| 01Jan2000 | 03:15 | 31.2                                                                   |
| 01Jan2000 | 03:20 | 22.8                                                                   |
| 01Jan2000 | 03:25 | 16.6                                                                   |
| 01Jan2000 | 03:30 | 12.0                                                                   |
| 01Jan2000 | 03:35 | 8.5                                                                    |
| 01Jan2000 | 03:40 | 5.9                                                                    |
| 01Jan2000 | 03:45 | 4.0                                                                    |
| 01Jan2000 | 03:50 | 2.9                                                                    |
| 01Jan2000 | 03:55 | 2.2                                                                    |
| 01Jan2000 | 04:00 | 1.7                                                                    |
| 01Jan2000 | 04:05 | 1.3                                                                    |
| 01Jan2000 | 04:10 | 1.1                                                                    |
| 01Jan2000 | 04:15 | 1.0                                                                    |
| 01Jan2000 | 04:20 | 0.8                                                                    |
| 01Jan2000 | 04:25 | 0.6                                                                    |
| 01Jan2000 | 04:30 | 0.2                                                                    |
| 01Jan2000 | 04:35 | 0.1                                                                    |
| 01Jan2000 | 04:40 | 0.0                                                                    |
| 01Jan2000 | 04:45 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 2yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 2-year 6-hour  
Compute Time: 24Sep2008, 11:45:28 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 150.1                | 01Jan2000, 05:40 | 8.5            |
| Horsethief1        | 0.128                            | 38.6                 | 01Jan2000, 05:35 | 1.8            |
| PacArea4           | 0.516                            | 113.0                | 01Jan2000, 05:40 | 5.2            |
| PacArea5           | 0.115                            | 39.5                 | 01Jan2000, 05:30 | 1.5            |
| PacJunction 4      | 0.644                            | 146.7                | 01Jan2000, 05:35 | 7.0            |
| PacNatural 2       | 0.128                            | 37.8                 | 01Jan2000, 05:35 | 1.8            |
| Pac Natural 3      | 0.644                            | 141.5                | 01Jan2000, 05:40 | 7.0            |

| Date      | Time  | Run "Ex-Outlet 2 2yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                    |
| 01Jan2000 | 00:05 | 0.0                                                                    |
| 01Jan2000 | 00:10 | 0.0                                                                    |
| 01Jan2000 | 00:15 | 0.0                                                                    |
| 01Jan2000 | 00:20 | 0.0                                                                    |
| 01Jan2000 | 00:25 | 0.0                                                                    |
| 01Jan2000 | 00:30 | 0.0                                                                    |
| 01Jan2000 | 00:35 | 0.0                                                                    |
| 01Jan2000 | 00:40 | 0.0                                                                    |
| 01Jan2000 | 00:45 | 0.0                                                                    |
| 01Jan2000 | 00:50 | 0.0                                                                    |
| 01Jan2000 | 00:55 | 0.0                                                                    |
| 01Jan2000 | 01:00 | 0.0                                                                    |
| 01Jan2000 | 01:05 | 0.0                                                                    |
| 01Jan2000 | 01:10 | 0.0                                                                    |
| 01Jan2000 | 01:15 | 0.0                                                                    |
| 01Jan2000 | 01:20 | 0.0                                                                    |
| 01Jan2000 | 01:25 | 0.0                                                                    |
| 01Jan2000 | 01:30 | 0.0                                                                    |
| 01Jan2000 | 01:35 | 0.0                                                                    |
| 01Jan2000 | 01:40 | 0.0                                                                    |
| 01Jan2000 | 01:45 | 0.0                                                                    |
| 01Jan2000 | 01:50 | 0.0                                                                    |
| 01Jan2000 | 01:55 | 0.0                                                                    |
| 01Jan2000 | 02:00 | 0.0                                                                    |
| 01Jan2000 | 02:05 | 0.0                                                                    |
| 01Jan2000 | 02:10 | 0.0                                                                    |
| 01Jan2000 | 02:15 | 0.0                                                                    |
| 01Jan2000 | 02:20 | 0.0                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 2yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 0.0                                                                    |
| 01Jan2000 | 02:30 | 0.0                                                                    |
| 01Jan2000 | 02:35 | 0.0                                                                    |
| 01Jan2000 | 02:40 | 0.0                                                                    |
| 01Jan2000 | 02:45 | 0.0                                                                    |
| 01Jan2000 | 02:50 | 0.0                                                                    |
| 01Jan2000 | 02:55 | 0.0                                                                    |
| 01Jan2000 | 03:00 | 0.0                                                                    |
| 01Jan2000 | 03:05 | 0.0                                                                    |
| 01Jan2000 | 03:10 | 0.0                                                                    |
| 01Jan2000 | 03:15 | 0.0                                                                    |
| 01Jan2000 | 03:20 | 0.0                                                                    |
| 01Jan2000 | 03:25 | 0.0                                                                    |
| 01Jan2000 | 03:30 | 0.0                                                                    |
| 01Jan2000 | 03:35 | 0.0                                                                    |
| 01Jan2000 | 03:40 | 0.0                                                                    |
| 01Jan2000 | 03:45 | 0.0                                                                    |
| 01Jan2000 | 03:50 | 0.0                                                                    |
| 01Jan2000 | 03:55 | 0.0                                                                    |
| 01Jan2000 | 04:00 | 0.0                                                                    |
| 01Jan2000 | 04:05 | 0.0                                                                    |
| 01Jan2000 | 04:10 | 0.0                                                                    |
| 01Jan2000 | 04:15 | 0.0                                                                    |
| 01Jan2000 | 04:20 | 0.1                                                                    |
| 01Jan2000 | 04:25 | 0.9                                                                    |
| 01Jan2000 | 04:30 | 1.6                                                                    |
| 01Jan2000 | 04:35 | 2.6                                                                    |
| 01Jan2000 | 04:40 | 4.4                                                                    |
| 01Jan2000 | 04:45 | 6.5                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 2yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 8.4                                                                    |
| 01Jan2000 | 04:55 | 11.1                                                                   |
| 01Jan2000 | 05:00 | 15.1                                                                   |
| 01Jan2000 | 05:05 | 22.2                                                                   |
| 01Jan2000 | 05:10 | 32.2                                                                   |
| 01Jan2000 | 05:15 | 45.6                                                                   |
| 01Jan2000 | 05:20 | 65.8                                                                   |
| 01Jan2000 | 05:25 | 94.6                                                                   |
| 01Jan2000 | 05:30 | 130.7                                                                  |
| 01Jan2000 | 05:35 | 145.0                                                                  |
| 01Jan2000 | 05:40 | 150.1                                                                  |
| 01Jan2000 | 05:45 | 144.9                                                                  |
| 01Jan2000 | 05:50 | 106.8                                                                  |
| 01Jan2000 | 05:55 | 69.8                                                                   |
| 01Jan2000 | 06:00 | 47.0                                                                   |
| 01Jan2000 | 06:05 | 33.8                                                                   |
| 01Jan2000 | 06:10 | 24.7                                                                   |
| 01Jan2000 | 06:15 | 18.2                                                                   |
| 01Jan2000 | 06:20 | 13.1                                                                   |
| 01Jan2000 | 06:25 | 9.3                                                                    |
| 01Jan2000 | 06:30 | 6.6                                                                    |
| 01Jan2000 | 06:35 | 4.6                                                                    |
| 01Jan2000 | 06:40 | 3.1                                                                    |
| 01Jan2000 | 06:45 | 2.3                                                                    |
| 01Jan2000 | 06:50 | 1.8                                                                    |
| 01Jan2000 | 06:55 | 1.4                                                                    |
| 01Jan2000 | 07:00 | 1.1                                                                    |
| 01Jan2000 | 07:05 | 1.0                                                                    |
| 01Jan2000 | 07:10 | 0.8                                                                    |



| Date      | Time  | Run "Ex-Outlet 2 2yr-6hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 0.7                                                                    |
| 01Jan2000 | 07:20 | 0.3                                                                    |
| 01Jan2000 | 07:25 | 0.1                                                                    |
| 01Jan2000 | 07:30 | 0.0                                                                    |
| 01Jan2000 | 07:35 | 0.0                                                                    |
| 01Jan2000 | 07:40 | 0.0                                                                    |
| 01Jan2000 | 07:45 | 0.0                                                                    |
| 01Jan2000 | 07:50 | 0.0                                                                    |
| 01Jan2000 | 07:55 | 0.0                                                                    |
| 01Jan2000 | 08:00 | 0.0                                                                    |
| 01Jan2000 | 08:05 | 0.0                                                                    |
| 01Jan2000 | 08:10 | 0.0                                                                    |
| 01Jan2000 | 08:15 | 0.0                                                                    |
| 01Jan2000 | 08:20 | 0.0                                                                    |
| 01Jan2000 | 08:25 | 0.0                                                                    |
| 01Jan2000 | 08:30 | 0.0                                                                    |
| 01Jan2000 | 08:35 | 0.0                                                                    |
| 01Jan2000 | 08:40 | 0.0                                                                    |
| 01Jan2000 | 08:45 | 0.0                                                                    |
| 01Jan2000 | 08:50 | 0.0                                                                    |
| 01Jan2000 | 08:55 | 0.0                                                                    |
| 01Jan2000 | 09:00 | 0.0                                                                    |
| 01Jan2000 | 09:05 | 0.0                                                                    |
| 01Jan2000 | 09:10 | 0.0                                                                    |
| 01Jan2000 | 09:15 | 0.0                                                                    |
| 01Jan2000 | 09:20 | 0.0                                                                    |
| 01Jan2000 | 09:25 | 0.0                                                                    |
| 01Jan2000 | 09:30 | 0.0                                                                    |
| 01Jan2000 | 09:35 | 0.0                                                                    |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 2 2yr-24hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 2 AMC I 24-hr  
End of Run: 03Jan2000, 00:00 Meteorologic Model: 2-year 24-hour  
Compute Time: 24Sep2008, 11:42:16 Control Specifications: 24-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 2        | 0.759                            | 24.8                 | 01Jan2000, 13:00 | 20.0           |
| Horsethief1        | 0.128                            | 6.1                  | 01Jan2000, 13:30 | 3.2            |
| PacArea4           | 0.516                            | 19.0                 | 01Jan2000, 13:00 | 13.7           |
| PacArea5           | 0.115                            | 4.4                  | 01Jan2000, 13:00 | 3.1            |
| PacJunction 4      | 0.644                            | 21.3                 | 01Jan2000, 13:00 | 16.9           |
| PacNatural 2       | 0.128                            | 5.9                  | 01Jan2000, 13:30 | 3.2            |
| Pac Natural 3      | 0.644                            | 20.6                 | 01Jan2000, 13:15 | 16.9           |

| Date      | Time  | Run "Ex-Outlet 2 2yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:15 | 0.4                                                                     |
| 01Jan2000 | 00:30 | 1.1                                                                     |
| 01Jan2000 | 00:45 | 2.3                                                                     |
| 01Jan2000 | 01:00 | 3.3                                                                     |
| 01Jan2000 | 01:15 | 3.7                                                                     |
| 01Jan2000 | 01:30 | 3.8                                                                     |
| 01Jan2000 | 01:45 | 3.9                                                                     |
| 01Jan2000 | 02:00 | 3.9                                                                     |
| 01Jan2000 | 02:15 | 3.9                                                                     |
| 01Jan2000 | 02:30 | 3.9                                                                     |
| 01Jan2000 | 02:45 | 4.2                                                                     |
| 01Jan2000 | 03:00 | 4.8                                                                     |
| 01Jan2000 | 03:15 | 5.5                                                                     |
| 01Jan2000 | 03:30 | 5.7                                                                     |
| 01Jan2000 | 03:45 | 5.8                                                                     |
| 01Jan2000 | 04:00 | 5.9                                                                     |
| 01Jan2000 | 04:15 | 5.9                                                                     |
| 01Jan2000 | 04:30 | 6.2                                                                     |
| 01Jan2000 | 04:45 | 6.8                                                                     |
| 01Jan2000 | 05:00 | 7.4                                                                     |
| 01Jan2000 | 05:15 | 7.4                                                                     |
| 01Jan2000 | 05:30 | 7.2                                                                     |
| 01Jan2000 | 05:45 | 7.2                                                                     |
| 01Jan2000 | 06:00 | 7.6                                                                     |
| 01Jan2000 | 06:15 | 8.0                                                                     |
| 01Jan2000 | 06:30 | 8.8                                                                     |
| 01Jan2000 | 06:45 | 9.4                                                                     |
| 01Jan2000 | 07:00 | 9.7                                                                     |

| Date      | Time  | Run "Ex-Outlet 2 2yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 07:15 | 9.8                                                                     |
| 01Jan2000 | 07:30 | 10.1                                                                    |
| 01Jan2000 | 07:45 | 10.8                                                                    |
| 01Jan2000 | 08:00 | 11.7                                                                    |
| 01Jan2000 | 08:15 | 12.9                                                                    |
| 01Jan2000 | 08:30 | 14.3                                                                    |
| 01Jan2000 | 08:45 | 15.2                                                                    |
| 01Jan2000 | 09:00 | 15.8                                                                    |
| 01Jan2000 | 09:15 | 17.0                                                                    |
| 01Jan2000 | 09:30 | 18.4                                                                    |
| 01Jan2000 | 09:45 | 19.6                                                                    |
| 01Jan2000 | 10:00 | 20.6                                                                    |
| 01Jan2000 | 10:15 | 20.2                                                                    |
| 01Jan2000 | 10:30 | 18.1                                                                    |
| 01Jan2000 | 10:45 | 17.4                                                                    |
| 01Jan2000 | 11:00 | 18.2                                                                    |
| 01Jan2000 | 11:15 | 19.1                                                                    |
| 01Jan2000 | 11:30 | 19.4                                                                    |
| 01Jan2000 | 11:45 | 19.1                                                                    |
| 01Jan2000 | 12:00 | 18.4                                                                    |
| 01Jan2000 | 12:15 | 19.1                                                                    |
| 01Jan2000 | 12:30 | 22.0                                                                    |
| 01Jan2000 | 12:45 | 24.2                                                                    |
| 01Jan2000 | 13:00 | 24.8                                                                    |
| 01Jan2000 | 13:15 | 21.2                                                                    |
| 01Jan2000 | 13:30 | 15.8                                                                    |
| 01Jan2000 | 13:45 | 15.5                                                                    |
| 01Jan2000 | 14:00 | 18.5                                                                    |
| 01Jan2000 | 14:15 | 22.0                                                                    |

| Date      | Time  | Run "Ex-Outlet 2 2yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 14:30 | 23.3                                                                    |
| 01Jan2000 | 14:45 | 23.3                                                                    |
| 01Jan2000 | 15:00 | 23.2                                                                    |
| 01Jan2000 | 15:15 | 22.7                                                                    |
| 01Jan2000 | 15:30 | 21.7                                                                    |
| 01Jan2000 | 15:45 | 20.5                                                                    |
| 01Jan2000 | 16:00 | 20.0                                                                    |
| 01Jan2000 | 16:15 | 17.2                                                                    |
| 01Jan2000 | 16:30 | 11.6                                                                    |
| 01Jan2000 | 16:45 | 7.3                                                                     |
| 01Jan2000 | 17:00 | 5.1                                                                     |
| 01Jan2000 | 17:15 | 4.6                                                                     |
| 01Jan2000 | 17:30 | 5.0                                                                     |
| 01Jan2000 | 17:45 | 5.5                                                                     |
| 01Jan2000 | 18:00 | 5.5                                                                     |
| 01Jan2000 | 18:15 | 4.9                                                                     |
| 01Jan2000 | 18:30 | 4.4                                                                     |
| 01Jan2000 | 18:45 | 4.1                                                                     |
| 01Jan2000 | 19:00 | 3.7                                                                     |
| 01Jan2000 | 19:15 | 3.3                                                                     |
| 01Jan2000 | 19:30 | 3.3                                                                     |
| 01Jan2000 | 19:45 | 3.6                                                                     |
| 01Jan2000 | 20:00 | 3.5                                                                     |
| 01Jan2000 | 20:15 | 3.3                                                                     |
| 01Jan2000 | 20:30 | 3.3                                                                     |
| 01Jan2000 | 20:45 | 3.6                                                                     |
| 01Jan2000 | 21:00 | 3.5                                                                     |
| 01Jan2000 | 21:15 | 3.3                                                                     |
| 01Jan2000 | 21:30 | 3.0                                                                     |

| Date      | Time  | Run "Ex-Outlet 2 2yr-24hr"<br>Element "Ex-Outlet 2"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 21:45 | 3.1                                                                     |
| 01Jan2000 | 22:00 | 2.9                                                                     |
| 01Jan2000 | 22:15 | 3.0                                                                     |
| 01Jan2000 | 22:30 | 2.9                                                                     |
| 01Jan2000 | 22:45 | 2.7                                                                     |
| 01Jan2000 | 23:00 | 2.3                                                                     |
| 01Jan2000 | 23:15 | 2.1                                                                     |
| 01Jan2000 | 23:30 | 2.0                                                                     |
| 01Jan2000 | 23:45 | 2.0                                                                     |
| 02Jan2000 | 00:00 | 3.1                                                                     |
| 02Jan2000 | 00:15 | 4.3                                                                     |
| 02Jan2000 | 00:30 | 3.6                                                                     |
| 02Jan2000 | 00:45 | 1.8                                                                     |
| 02Jan2000 | 01:00 | 0.8                                                                     |
| 02Jan2000 | 01:15 | 0.3                                                                     |
| 02Jan2000 | 01:30 | 0.1                                                                     |
| 02Jan2000 | 01:45 | 0.0                                                                     |
| 02Jan2000 | 02:00 | 0.0                                                                     |
| 02Jan2000 | 02:15 | 0.0                                                                     |
| 02Jan2000 | 02:30 | 0.0                                                                     |
| 02Jan2000 | 02:45 | 0.0                                                                     |
| 02Jan2000 | 03:00 | 0.0                                                                     |
| 02Jan2000 | 03:15 | 0.0                                                                     |
| 02Jan2000 | 03:30 | 0.0                                                                     |
| 02Jan2000 | 03:45 | 0.0                                                                     |
| 02Jan2000 | 04:00 | 0.0                                                                     |
| 02Jan2000 | 04:15 | 0.0                                                                     |
| 02Jan2000 | 04:30 | 0.0                                                                     |
| 02Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 3 100yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 3 AMC II  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 100-year 1-hour  
Compute Time: 24Sep2008, 11:54:57 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI2) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|---------------------|----------------------|------------------|----------------|
| Ex-Outlet 3        | 0.074               | 201.7                | 01Jan2000, 00:50 | 5.4            |
| Horsethief2        | 0.013               | 47.6                 | 01Jan2000, 00:50 | 0.9            |
| Horsethief3        | 0.016               | 55.2                 | 01Jan2000, 00:50 | 1.1            |
| PacArea6           | 0.045               | 147.9                | 01Jan2000, 00:50 | 3.3            |
| Pac Natural4       | 0.013               | 44.0                 | 01Jan2000, 00:55 | 0.9            |
| PacNatural5        | 0.016               | 37.4                 | 01Jan2000, 00:55 | 1.1            |

| Date      | Time  | Run "Ex-Outlet 3 100yr-1hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 12.8                                                                     |
| 01Jan2000 | 00:10 | 21.7                                                                     |
| 01Jan2000 | 00:15 | 26.5                                                                     |
| 01Jan2000 | 00:20 | 29.8                                                                     |
| 01Jan2000 | 00:25 | 34.1                                                                     |
| 01Jan2000 | 00:30 | 39.7                                                                     |
| 01Jan2000 | 00:35 | 47.2                                                                     |
| 01Jan2000 | 00:40 | 59.2                                                                     |
| 01Jan2000 | 00:45 | 86.2                                                                     |
| 01Jan2000 | 00:50 | 201.7                                                                    |
| 01Jan2000 | 00:55 | 142.5                                                                    |
| 01Jan2000 | 01:00 | 57.1                                                                     |
| 01Jan2000 | 01:05 | 18.2                                                                     |
| 01Jan2000 | 01:10 | 4.6                                                                      |
| 01Jan2000 | 01:15 | 0.7                                                                      |
| 01Jan2000 | 01:20 | 0.1                                                                      |
| 01Jan2000 | 01:25 | 0.0                                                                      |
| 01Jan2000 | 01:30 | 0.0                                                                      |
| 01Jan2000 | 01:35 | 0.0                                                                      |
| 01Jan2000 | 01:40 | 0.0                                                                      |
| 01Jan2000 | 01:45 | 0.0                                                                      |
| 01Jan2000 | 01:50 | 0.0                                                                      |
| 01Jan2000 | 01:55 | 0.0                                                                      |
| 01Jan2000 | 02:00 | 0.0                                                                      |
| 01Jan2000 | 02:05 | 0.0                                                                      |
| 01Jan2000 | 02:10 | 0.0                                                                      |
| 01Jan2000 | 02:15 | 0.0                                                                      |
| 01Jan2000 | 02:20 | 0.0                                                                      |



Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 3 100yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 3 AMC II  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 100-year 3-hour  
Compute Time: 23Sep2008, 14:20:20 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 3        | 0.074                            | 99.1                 | 01Jan2000, 02:35 | 7.1            |
| Horsethief2        | 0.013                            | 18.2                 | 01Jan2000, 02:35 | 1.2            |
| Horsethief3        | 0.016                            | 22.1                 | 01Jan2000, 02:35 | 1.4            |
| PacArea6           | 0.045                            | 63.2                 | 01Jan2000, 02:35 | 4.5            |
| Pac Natural4       | 0.013                            | 17.2                 | 01Jan2000, 02:40 | 1.2            |
| PacNatural5        | 0.016                            | 20.5                 | 01Jan2000, 02:40 | 1.4            |

| Date      | Time  | Run "Ex-Outlet 3 100yr-3hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 4.3                                                                      |
| 01Jan2000 | 00:10 | 6.1                                                                      |
| 01Jan2000 | 00:15 | 5.6                                                                      |
| 01Jan2000 | 00:20 | 7.9                                                                      |
| 01Jan2000 | 00:25 | 9.1                                                                      |
| 01Jan2000 | 00:30 | 12.0                                                                     |
| 01Jan2000 | 00:35 | 11.5                                                                     |
| 01Jan2000 | 00:40 | 13.0                                                                     |
| 01Jan2000 | 00:45 | 13.8                                                                     |
| 01Jan2000 | 00:50 | 12.3                                                                     |
| 01Jan2000 | 00:55 | 11.8                                                                     |
| 01Jan2000 | 01:00 | 12.9                                                                     |
| 01Jan2000 | 01:05 | 16.7                                                                     |
| 01Jan2000 | 01:10 | 19.0                                                                     |
| 01Jan2000 | 01:15 | 20.1                                                                     |
| 01Jan2000 | 01:20 | 18.9                                                                     |
| 01Jan2000 | 01:25 | 22.2                                                                     |
| 01Jan2000 | 01:30 | 25.2                                                                     |
| 01Jan2000 | 01:35 | 24.9                                                                     |
| 01Jan2000 | 01:40 | 26.0                                                                     |
| 01Jan2000 | 01:45 | 31.0                                                                     |
| 01Jan2000 | 01:50 | 33.1                                                                     |
| 01Jan2000 | 01:55 | 32.1                                                                     |
| 01Jan2000 | 02:00 | 31.6                                                                     |
| 01Jan2000 | 02:05 | 32.3                                                                     |
| 01Jan2000 | 02:10 | 40.8                                                                     |
| 01Jan2000 | 02:15 | 52.0                                                                     |
| 01Jan2000 | 02:20 | 47.7                                                                     |

| Date      | Time  | Run "Ex-Outlet 3 100yr-3hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 65.8                                                                     |
| 01Jan2000 | 02:30 | 83.7                                                                     |
| 01Jan2000 | 02:35 | 99.1                                                                     |
| 01Jan2000 | 02:40 | 87.7                                                                     |
| 01Jan2000 | 02:45 | 49.4                                                                     |
| 01Jan2000 | 02:50 | 26.5                                                                     |
| 01Jan2000 | 02:55 | 16.8                                                                     |
| 01Jan2000 | 03:00 | 7.3                                                                      |
| 01Jan2000 | 03:05 | 3.0                                                                      |
| 01Jan2000 | 03:10 | 0.8                                                                      |
| 01Jan2000 | 03:15 | 0.2                                                                      |
| 01Jan2000 | 03:20 | 0.0                                                                      |
| 01Jan2000 | 03:25 | 0.0                                                                      |
| 01Jan2000 | 03:30 | 0.0                                                                      |
| 01Jan2000 | 03:35 | 0.0                                                                      |
| 01Jan2000 | 03:40 | 0.0                                                                      |
| 01Jan2000 | 03:45 | 0.0                                                                      |
| 01Jan2000 | 03:50 | 0.0                                                                      |
| 01Jan2000 | 03:55 | 0.0                                                                      |
| 01Jan2000 | 04:00 | 0.0                                                                      |
| 01Jan2000 | 04:05 | 0.0                                                                      |
| 01Jan2000 | 04:10 | 0.0                                                                      |
| 01Jan2000 | 04:15 | 0.0                                                                      |
| 01Jan2000 | 04:20 | 0.0                                                                      |
| 01Jan2000 | 04:25 | 0.0                                                                      |
| 01Jan2000 | 04:30 | 0.0                                                                      |
| 01Jan2000 | 04:35 | 0.0                                                                      |
| 01Jan2000 | 04:40 | 0.0                                                                      |
| 01Jan2000 | 04:45 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 3 100yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 3 AMC II  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 100-year 6-hour  
Compute Time: 23Sep2008, 14:20:33 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 3        | 0.074                            | 92.6                 | 01Jan2000, 05:30 | 8.6            |
| Horsethief2        | 0.013                            | 17.4                 | 01Jan2000, 05:30 | 1.3            |
| Horsethief3        | 0.016                            | 21.1                 | 01Jan2000, 05:30 | 1.6            |
| PacArea6           | 0.045                            | 60.3                 | 01Jan2000, 05:30 | 5.6            |
| Pac Natural4       | 0.013                            | 15.8                 | 01Jan2000, 05:35 | 1.3            |
| PacNatural5        | 0.016                            | 18.5                 | 01Jan2000, 05:30 | 1.6            |

| Date      | Time  | Run "Ex-Outlet 3 100yr-6hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                      |
| 01Jan2000 | 00:05 | 0.1                                                                      |
| 01Jan2000 | 00:10 | 1.0                                                                      |
| 01Jan2000 | 00:15 | 1.3                                                                      |
| 01Jan2000 | 00:20 | 1.3                                                                      |
| 01Jan2000 | 00:25 | 1.3                                                                      |
| 01Jan2000 | 00:30 | 2.4                                                                      |
| 01Jan2000 | 00:35 | 2.8                                                                      |
| 01Jan2000 | 00:40 | 2.9                                                                      |
| 01Jan2000 | 00:45 | 2.9                                                                      |
| 01Jan2000 | 00:50 | 2.9                                                                      |
| 01Jan2000 | 00:55 | 2.9                                                                      |
| 01Jan2000 | 01:00 | 4.0                                                                      |
| 01Jan2000 | 01:05 | 4.6                                                                      |
| 01Jan2000 | 01:10 | 4.9                                                                      |
| 01Jan2000 | 01:15 | 5.0                                                                      |
| 01Jan2000 | 01:20 | 5.0                                                                      |
| 01Jan2000 | 01:25 | 5.0                                                                      |
| 01Jan2000 | 01:30 | 5.0                                                                      |
| 01Jan2000 | 01:35 | 5.0                                                                      |
| 01Jan2000 | 01:40 | 5.0                                                                      |
| 01Jan2000 | 01:45 | 5.0                                                                      |
| 01Jan2000 | 01:50 | 5.0                                                                      |
| 01Jan2000 | 01:55 | 5.0                                                                      |
| 01Jan2000 | 02:00 | 6.0                                                                      |
| 01Jan2000 | 02:05 | 5.6                                                                      |
| 01Jan2000 | 02:10 | 6.3                                                                      |
| 01Jan2000 | 02:15 | 6.6                                                                      |
| 01Jan2000 | 02:20 | 6.9                                                                      |

| Date      | Time  | Run "Ex-Outlet 3 100yr-6hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 7.0                                                                      |
| 01Jan2000 | 02:30 | 7.0                                                                      |
| 01Jan2000 | 02:35 | 7.0                                                                      |
| 01Jan2000 | 02:40 | 7.0                                                                      |
| 01Jan2000 | 02:45 | 8.0                                                                      |
| 01Jan2000 | 02:50 | 8.6                                                                      |
| 01Jan2000 | 02:55 | 9.0                                                                      |
| 01Jan2000 | 03:00 | 9.0                                                                      |
| 01Jan2000 | 03:05 | 9.1                                                                      |
| 01Jan2000 | 03:10 | 10.0                                                                     |
| 01Jan2000 | 03:15 | 10.7                                                                     |
| 01Jan2000 | 03:20 | 11.0                                                                     |
| 01Jan2000 | 03:25 | 12.1                                                                     |
| 01Jan2000 | 03:30 | 13.7                                                                     |
| 01Jan2000 | 03:35 | 15.7                                                                     |
| 01Jan2000 | 03:40 | 16.7                                                                     |
| 01Jan2000 | 03:45 | 18.1                                                                     |
| 01Jan2000 | 03:50 | 18.8                                                                     |
| 01Jan2000 | 03:55 | 20.2                                                                     |
| 01Jan2000 | 04:00 | 20.9                                                                     |
| 01Jan2000 | 04:05 | 22.2                                                                     |
| 01Jan2000 | 04:10 | 23.9                                                                     |
| 01Jan2000 | 04:15 | 25.9                                                                     |
| 01Jan2000 | 04:20 | 28.0                                                                     |
| 01Jan2000 | 04:25 | 30.0                                                                     |
| 01Jan2000 | 04:30 | 31.1                                                                     |
| 01Jan2000 | 04:35 | 32.4                                                                     |
| 01Jan2000 | 04:40 | 34.2                                                                     |
| 01Jan2000 | 04:45 | 36.2                                                                     |

| Date      | Time  | Run "Ex-Outlet 3 100yr-6hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|--------------------------------------------------------------------------|
| 01Jan2000 | 04:50 | 37.2                                                                     |
| 01Jan2000 | 04:55 | 38.6                                                                     |
| 01Jan2000 | 05:00 | 40.3                                                                     |
| 01Jan2000 | 05:05 | 46.3                                                                     |
| 01Jan2000 | 05:10 | 55.1                                                                     |
| 01Jan2000 | 05:15 | 63.4                                                                     |
| 01Jan2000 | 05:20 | 70.2                                                                     |
| 01Jan2000 | 05:25 | 78.6                                                                     |
| 01Jan2000 | 05:30 | 92.6                                                                     |
| 01Jan2000 | 05:35 | 61.4                                                                     |
| 01Jan2000 | 05:40 | 29.1                                                                     |
| 01Jan2000 | 05:45 | 10.2                                                                     |
| 01Jan2000 | 05:50 | 3.0                                                                      |
| 01Jan2000 | 05:55 | 0.7                                                                      |
| 01Jan2000 | 06:00 | 0.2                                                                      |
| 01Jan2000 | 06:05 | 0.0                                                                      |
| 01Jan2000 | 06:10 | 0.0                                                                      |
| 01Jan2000 | 06:15 | 0.0                                                                      |
| 01Jan2000 | 06:20 | 0.0                                                                      |
| 01Jan2000 | 06:25 | 0.0                                                                      |
| 01Jan2000 | 06:30 | 0.0                                                                      |
| 01Jan2000 | 06:35 | 0.0                                                                      |
| 01Jan2000 | 06:40 | 0.0                                                                      |
| 01Jan2000 | 06:45 | 0.0                                                                      |
| 01Jan2000 | 06:50 | 0.0                                                                      |
| 01Jan2000 | 06:55 | 0.0                                                                      |
| 01Jan2000 | 07:00 | 0.0                                                                      |
| 01Jan2000 | 07:05 | 0.0                                                                      |
| 01Jan2000 | 07:10 | 0.0                                                                      |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 3 10yr-1hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 3 AMC II  
End of Run: 01Jan2000, 12:00 Meteorologic Model: 10-year 1-hour  
Compute Time: 24Sep2008, 08:49:57 Control Specifications: 1-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 3        | 0.074                            | 107.9                | 01Jan2000, 00:50 | 2.8            |
| Horsethief2        | 0.013                            | 26.7                 | 01Jan2000, 00:50 | 0.5            |
| Horsethief3        | 0.016                            | 30.9                 | 01Jan2000, 00:50 | 0.6            |
| PacArea6           | 0.045                            | 83.4                 | 01Jan2000, 00:50 | 1.7            |
| Pac Natural4       | 0.013                            | 24.1                 | 01Jan2000, 00:55 | 0.5            |
| PacNatural5        | 0.016                            | 23.2                 | 01Jan2000, 00:55 | 0.5            |



| Date      | Time  | Run "Ex-Outlet 3 10yr-1hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 5.1                                                                     |
| 01Jan2000 | 00:10 | 8.1                                                                     |
| 01Jan2000 | 00:15 | 10.5                                                                    |
| 01Jan2000 | 00:20 | 12.4                                                                    |
| 01Jan2000 | 00:25 | 14.8                                                                    |
| 01Jan2000 | 00:30 | 18.0                                                                    |
| 01Jan2000 | 00:35 | 22.3                                                                    |
| 01Jan2000 | 00:40 | 29.0                                                                    |
| 01Jan2000 | 00:45 | 44.2                                                                    |
| 01Jan2000 | 00:50 | 107.9                                                                   |
| 01Jan2000 | 00:55 | 80.3                                                                    |
| 01Jan2000 | 01:00 | 33.7                                                                    |
| 01Jan2000 | 01:05 | 9.8                                                                     |
| 01Jan2000 | 01:10 | 2.8                                                                     |
| 01Jan2000 | 01:15 | 0.5                                                                     |
| 01Jan2000 | 01:20 | 0.0                                                                     |
| 01Jan2000 | 01:25 | 0.0                                                                     |
| 01Jan2000 | 01:30 | 0.0                                                                     |
| 01Jan2000 | 01:35 | 0.0                                                                     |
| 01Jan2000 | 01:40 | 0.0                                                                     |
| 01Jan2000 | 01:45 | 0.0                                                                     |
| 01Jan2000 | 01:50 | 0.0                                                                     |
| 01Jan2000 | 01:55 | 0.0                                                                     |
| 01Jan2000 | 02:00 | 0.0                                                                     |
| 01Jan2000 | 02:05 | 0.0                                                                     |
| 01Jan2000 | 02:10 | 0.0                                                                     |
| 01Jan2000 | 02:15 | 0.0                                                                     |
| 01Jan2000 | 02:20 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 3 10yr-3hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 3 AMC II  
End of Run: 02Jan2000, 00:00 Meteorologic Model: 10-year 3-hour  
Compute Time: 23Sep2008, 14:21:23 Control Specifications: 3-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 3        | 0.074                            | 57.1                 | 01Jan2000, 02:35 | 3.5            |
| Horsethief2        | 0.013                            | 10.5                 | 01Jan2000, 02:35 | 0.5            |
| Horsethief3        | 0.016                            | 12.7                 | 01Jan2000, 02:35 | 0.6            |
| PacArea6           | 0.045                            | 37.3                 | 01Jan2000, 02:35 | 2.3            |
| Pac Natural4       | 0.013                            | 9.7                  | 01Jan2000, 02:40 | 0.5            |
| PacNatural5        | 0.016                            | 12.2                 | 01Jan2000, 02:40 | 0.6            |

| Date      | Time  | Run "Ex-Outlet 3 10yr-3hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 00:00 | 0.0                                                                     |
| 01Jan2000 | 00:05 | 0.8                                                                     |
| 01Jan2000 | 00:10 | 1.0                                                                     |
| 01Jan2000 | 00:15 | 0.2                                                                     |
| 01Jan2000 | 00:20 | 1.6                                                                     |
| 01Jan2000 | 00:25 | 2.0                                                                     |
| 01Jan2000 | 00:30 | 3.5                                                                     |
| 01Jan2000 | 00:35 | 3.0                                                                     |
| 01Jan2000 | 00:40 | 4.0                                                                     |
| 01Jan2000 | 00:45 | 4.4                                                                     |
| 01Jan2000 | 00:50 | 3.4                                                                     |
| 01Jan2000 | 00:55 | 3.3                                                                     |
| 01Jan2000 | 01:00 | 3.9                                                                     |
| 01Jan2000 | 01:05 | 6.0                                                                     |
| 01Jan2000 | 01:10 | 7.3                                                                     |
| 01Jan2000 | 01:15 | 8.1                                                                     |
| 01Jan2000 | 01:20 | 7.6                                                                     |
| 01Jan2000 | 01:25 | 9.7                                                                     |
| 01Jan2000 | 01:30 | 11.2                                                                    |
| 01Jan2000 | 01:35 | 11.1                                                                    |
| 01Jan2000 | 01:40 | 12.1                                                                    |
| 01Jan2000 | 01:45 | 14.9                                                                    |
| 01Jan2000 | 01:50 | 16.0                                                                    |
| 01Jan2000 | 01:55 | 15.9                                                                    |
| 01Jan2000 | 02:00 | 15.7                                                                    |
| 01Jan2000 | 02:05 | 15.9                                                                    |
| 01Jan2000 | 02:10 | 20.9                                                                    |
| 01Jan2000 | 02:15 | 27.3                                                                    |
| 01Jan2000 | 02:20 | 25.2                                                                    |

| Date      | Time  | Run "Ex-Outlet 3 10yr-3hr"<br>Element "Ex-Outlet 3"<br>Outflow<br>(CFS) |
|-----------|-------|-------------------------------------------------------------------------|
| 01Jan2000 | 02:25 | 37.0                                                                    |
| 01Jan2000 | 02:30 | 45.8                                                                    |
| 01Jan2000 | 02:35 | 57.1                                                                    |
| 01Jan2000 | 02:40 | 51.0                                                                    |
| 01Jan2000 | 02:45 | 28.4                                                                    |
| 01Jan2000 | 02:50 | 14.6                                                                    |
| 01Jan2000 | 02:55 | 7.4                                                                     |
| 01Jan2000 | 03:00 | 2.5                                                                     |
| 01Jan2000 | 03:05 | 1.0                                                                     |
| 01Jan2000 | 03:10 | 0.2                                                                     |
| 01Jan2000 | 03:15 | 0.0                                                                     |
| 01Jan2000 | 03:20 | 0.0                                                                     |
| 01Jan2000 | 03:25 | 0.0                                                                     |
| 01Jan2000 | 03:30 | 0.0                                                                     |
| 01Jan2000 | 03:35 | 0.0                                                                     |
| 01Jan2000 | 03:40 | 0.0                                                                     |
| 01Jan2000 | 03:45 | 0.0                                                                     |
| 01Jan2000 | 03:50 | 0.0                                                                     |
| 01Jan2000 | 03:55 | 0.0                                                                     |
| 01Jan2000 | 04:00 | 0.0                                                                     |
| 01Jan2000 | 04:05 | 0.0                                                                     |
| 01Jan2000 | 04:10 | 0.0                                                                     |
| 01Jan2000 | 04:15 | 0.0                                                                     |
| 01Jan2000 | 04:20 | 0.0                                                                     |
| 01Jan2000 | 04:25 | 0.0                                                                     |
| 01Jan2000 | 04:30 | 0.0                                                                     |
| 01Jan2000 | 04:35 | 0.0                                                                     |
| 01Jan2000 | 04:40 | 0.0                                                                     |
| 01Jan2000 | 04:45 | 0.0                                                                     |

Project: Pac-Ridge\_Hydrology Simulation Run: Ex-Outlet 3 10yr-6hr

Start of Run: 01Jan2000, 00:00 Basin Model: Ex-Outlet 3 AMC II  
End of Run: 02Jan2000, 12:00 Meteorologic Model: 10-year 6-hour  
Compute Time: 23Sep2008, 14:21:38 Control Specifications: 6-hour Event

Volume Units: AC-FT

| Hydrologic Element | Drainage Area (MI <sup>2</sup> ) | Peak Discharge (CFS) | Time of Peak     | Volume (AC-FT) |
|--------------------|----------------------------------|----------------------|------------------|----------------|
| Ex-Outlet 3        | 0.074                            | 54.8                 | 01Jan2000, 05:30 | 4.0            |
| Horsethief2        | 0.013                            | 10.4                 | 01Jan2000, 05:30 | 0.6            |
| Horsethief3        | 0.016                            | 12.5                 | 01Jan2000, 05:30 | 0.7            |
| PacArea6           | 0.045                            | 36.6                 | 01Jan2000, 05:30 | 2.6            |
| Pac Natural4       | 0.013                            | 9.1                  | 01Jan2000, 05:35 | 0.6            |
| PacNatural5        | 0.016                            | 11.3                 | 01Jan2000, 05:35 | 0.7            |