# TABLES

# TABLE 1
## MADDEN CREEK STREAM CLASSIFICATION
## HOMEWOOD MOUNTAIN RESORT
## HOMEWOOD, CA

| Downstream Station | Upstream Station | Incremental Distance | Forest Practice Rules | Rosgen | Montgomery-Buffington |
|---|---|---|---|---|---|
| 0 | 0.05 | 0.05 | Class I | G2/G3 | Plane-Bed |
| 0.05 | 0.15 | 0.1 | Class I | B2/B3/B4 | Step-Pool |
| 0.15 | 0.2 | 0.05 | Class I | A2 | Step-Pool |
| 0.2 | 0.7 | 0.6 | Class I | A2a+ | Cascade/Step-Pool |
| 0.7 | 0.9 | 0.2 | Class I | A1a+ | Bedrock |
| 0.9 | 1 | 0.1 | Class I | B1/B2/B3 | Step-Pool |
| 1 | 1.1 | 0.1 | Class I | C3* | Plane-Bed/Step-Pool |
| 1.1 | 1.2 | 0.1 | Class I | C2* | Step-Pool |
| 1.2 | 1.3 | 0.1 | Class I | B1a/B2a | Bedrock/Step-Pool |
| 1.3 | 1.4 | 0.1 | Class I | E3* | Step-Pool |
| 1.4 | 1.5 | 0.1 | Class I | E3* | Plane-Bed/Step-Pool |
| 1.5 | 1.6 | 0.1 | Class I | E4b | Plane-Bed |
| 1.6 | 1.7 | 0.1 | Class II | C4b | Plane-Bed |
| 1.7 | 1.8 | 0.1 | Class II | C3b | Plane-Bed/Step-Pool |
| 1.8 | 1.9 | 0.1 | Class III | B2a/B3a | Step-Pool |
| 1.9 | 2 | 0.1 | Class III | C2* | Step-Pool |
| 2 | 2.08 | 0.08 | Class III | C2b/C3b/C4b | Plane-Bed/Step-Pool |

Notes:
Stream Segments 0-0.9 were classified by Entrix (2006)
* = Slope greater than 4%


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**TABLE 2**
**ELLIS CREEK STREAM CLASSIFICATION**
**HOMEWOOD MOUNTAIN RESORT**
**HOMEWOOD, CA**

| Downstream Station | Upstream Station | Incremental Distance | Forest Practice Rules | Rosgen | Montgomery-Buffington |
|---|---|---|---|---|---|
| 0 | 0.1 | 0.1 | Class I | G4/G5 | Plane-Bed |
| 0.1 | 0.2 | 0.1 | Class I | E4b/E5b | Pool-Riffle |
| 0.2 | 0.25 | 0.05 | Class I | A2/A3/A4 | Step-Pool |
| 0.25 | 0.7 | 0.45 | Class I | A2a+ | Cascade/Step-Pool |
| 0.7 | 0.8 | 0.1 | Class I | E4* w/ G4 | Step-Pool/Plane-Bed |
| 0.8 | 0.9 | 0.1 | Class I | E4* | Step-Pool |
| 0.9 | 1 | 0.1 | Class I | E4* | Step-Pool |
| 1 | 1.1 | 0.1 | Class I | C2b | Step-Pool |
| 1.1 | 1.2 | 0.1 | Class III | A2a+ | Cascade/Step-Pool |
| 1.2 | 1.3 | 0.1 | Class III | A2a+ | Cascade/Step-Pool |
| 1.3 | 1.4 | 0.1 | Class III | B3a | Cascade/Step-Pool |
| 1.4 | 1.5 | 0.1 | Class III | B2a | Step-Pool/Plane-Bed |
| 1.5 | 1.6 | 0.1 | Class III | B3a | Step-Pool/Plane-Bed |
| 1.6 | 1.7 | 0.1 | Class III | E3b/E4b | Plane-Bed |
| 1.7 | 1.8 | 0.1 | Class III | E5b | Plane-Bed |
| 1.8 | 1.89 | 0.09 | Class III | E6b | Plane-Bed |

Note:
Stream Segments 0-0.7 were classified by Entrix (2006)
* = Slope greater than 4%


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TABLE 3
QUAIL LAKE CREEK STREAM CLASSIFICATION
HOMEWOOD MOUNTAIN RESORT
HOMEWOOD, CA

| Downstream Station | Upstream Station | Incremental Distance | Forest Practice Rules | Rosgen | Montgomery-Buffington |
|---|---|---|---|---|---|
| 0.0 | 0.1 | 0.1 | Class I | B2/B3 | Plane-Bed |
| 0.1 | 0.3 | 0.2 | Class I | B3/B4 w/ C3/C4 | Step-Pool/Plane-Bed |
| 0.3 | 0.5 | 0.2 | Class II | B2 | Step-Pool/Plane-Bed |
| 0.5 | 0.7 | 0.2 | Class III | C4 | Step-Pool/Plane-Bed |
| 0.7 | 0.9 | 0.2 | Class III | A2a+/A3a+ | Cascade/Step-Pool |
| 0.9 | 0.97 | 0.07 | Class III | A3/A4 | Cascade/Step-Pool |

Note:
Stream Segments 0-0.9 were classified by Entrix (2006)


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**TABLE 4**
**UNNAMED CREEK STREAM CLASSIFICATION**
**HOMEWOOD MOUNTAIN RESORT**
**HOMEWOOD, CA**

| Downstream Station | Upstream Station | Incremental Distance | Forest Practice Rules | Rosgen | Montgomery-Buffington |
|---|---|---|---|---|---|
| 0.0 | 0.1 | 0.1 | Class III | E3 | Plane-Bed |
| 0.1 | 0.2 | 0.1 | Class III | B2a/B3a | Cascade/Step-Pool |
| 0.2 | 0.3 | 0.1 | Class III | A1a+/A2a+ | Bedrock/Cascade/Step-Pool |
| 0.3 | 0.4 | 0.1 | Class III | B2a | Step-Pool |
| 0.4 | 0.5 | 0.1 | Class III | B2a/B3a | Step-Pool |
| 0.5 | 0.6 | 0.1 | Class III | B1a/B2a/B3a | Bedrock/Plane-Bed |
| 0.6 | 0.7 | 0.1 | Class III | E4*/E5* | Plane-Bed |

Notes:
* = Slope greater than 4%


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# TABLE 5
## QUARTERLY SURFACE WATER SAMPLE ANALYTICAL DATA
## HOMEWOOD MOUNTAIN RESORT
## HOMEWOOD, CA

| Sample ID | Sample Location | Date | Chloride (mg/L) | Nitrate Nitrogen (mg/L) | Nitrite Nitrogen (mg/L) | Oil & Grease (mg/L) | Total Phosphorus (mg/L) | Sulfate (mg/L) | Total Kjeldahl Nitrogen (mg/L) | Total Nitrogen (mg/L) | Total Dissolved Solids (mg/L) | Tubidity (NTU) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **WQO** | | | **0.1** | | | **2** | **0.015** | **1.0** | | **0.18** | **60** | **20** | **0.015** |
| SW-9 (M-1) | Lake Louise Enters Madden Creek | 10/10/06 | **1.2** | 0.041 | <0.010 | <2.8 | <0.010 | <1.0 | 0.45 | **0.49** | 18 | 1.8 | **0.12** |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | 0.025 | <0.01 | ND | <0.01 | <1.0 | 0.081 | 0.11 | 42 | 0.71 | **0.042** |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-2 (M-2) | Madden Creek @ HMR Property Line | 10/11/06 | **1.5** | 0.10 | 0.050 | <2.8 | **0.020** | <1.0 | <0.050 | 0.15 | 46 | <0.10 | <0.010 |
| | | 3/29/07 | **2.1** | 0.047 | <0.010 | **3.4** | 0.014 | <1.0 | 0.18 | **0.23** | **68** | <0.10 | <0.010 |
| | | 5/16/07 | <1.0 | 0.022 | <0.01 | NS | <0.01 | <1.0 | <0.05 | <0.07 | **69** | 0.51 | **0.034** |
| | | 9/27/07 | <1.0 | 0.029 | <0.01 | <1.5 | **0.016** | <1.0 | <0.05 | <0.07 | 49 | 0.26 | <0.010 |
| SW-15 | Madden Creek - midstream | 10/10/06 | **1.3** | 0.058 | <0.010 | <2.8 | <0.010 | <1.0 | 0.13 | **0.19** | **88** | 0.27 | <0.010 |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | 0.034 | <0.01 | NS | <0.01 | <1.0 | 0.057 | 0.091 | 44 | 0.43 | **0.026** |
| | | 9/27/07 | <1.0 | 0.046 | <0.010 | 2.0 | 0.012 | <1.0 | 0.18 | **0.22** | **73** | 0.26 | <0.010 |
| SW-10 (E-1) | Ellis Creek Headwaters | 10/10/06 | **1.1** | 0.044 | <0.010 | <2.8 | <0.010 | <1.0 | 0.12 | 0.16 | 33 | 0.39 | **0.028** |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | 0.037 | <0.01 | NS | <0.01 | <1.0 | 0.12 | 0.16 | 33 | 0.77 | **0.094** |
| | | 9/26/07 | <1.0 | 0.050 | <0.010 | <1.5 | <0.010 | <1.0 | <0.050 | <0.070 | 51 | | 0.013 |
| SW-8 | Ellis Creek Confluence | 10/11/06 | **1.8** | 0.10 | 0.065 | <2.8 | <0.010 | <1.0 | 0.14 | **0.30** | **63** | 0.18 | 0.015 |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/17/07 | <1.0 | 0.029 | <0.01 | NS | <0.01 | <1.0 | 0.074 | 0.1 | **99** | 0.69 | **0.033** |
| | | 9/26/07 | <1.0 | 0.051 | <0.010 | <1.5 | **0.016** | <1.0 | <0.050 | <0.070 | 52 | <0.020 | <0.020 |
| SW-7 | Ellis Creek Bridge | 10/11/06 | **1.5** | 0.12 | 0.050 | <2.8 | <0.010 | <1.0 | 0.19 | **0.36** | 54 | 0.86 | <0.010 |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/17/07 | <1.0 | 0.027 | <0.01 | NS | <0.01 | <1.0 | 0.11 | 0.14 | **91** | 0.45 | **0.034** |
| | | 9/26/07 | <1.0 | 0.086 | <0.010 | <1.5 | **0.024** | <1.0 | 0.084 | 0.17 | 10 | | <0.010 |
| SW-14 (E-2) | Ellis Creek - South Lodge Culvert | 10/11/06 | **1.4** | 0.087 | 0.082 | <2.8 | <0.010 | <1.0 | <0.050 | 0.17 | **110** | <0.10 | <0.010 |
| | | 3/29/07 | <1.0 | 0.041 | <0.010 | <1.5 | 0.012 | <1.0 | 0.095 | 0.14 | **70** | 0.30 | <0.010 |
| | | 5/17/07 | <1.0 | 0.021 | <0.01 | NS | <0.01 | <1.0 | <0.05 | <0.07 | **72** | 0.88 | **0.043** |
| | | 9/27/07 | <1.0 | 0.031 | <0.01 | <1.5 | **0.030** | <1.0 | <0.050 | <0.070 | **110** | <0.1 | <0.010 |
| SW-4 | Quail Lake Stream Inflow - S | 10/10/06 | **1.5** | 0.16 | <0.010 | <2.8 | 0.012 | **7.3** | 0.48 | **0.64** | 56 | 0.95 | **0.076** |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | 0.13 | <0.01 | NS | **0.058** | **11** | 0.14 | **0.27** | **61** | 0.15 | <0.01 |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-5 | Quail Lake Stream Inflow - N | 10/10/06 | **2.6** | 0.14 | <0.010 | <2.8 | **0.034** | <1.0 | 1.2 | **1.3** | **63** | **50** | **0.30** |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | 0.065 | <0.01 | NS | <0.01 | **1.5** | 0.073 | **0.14** | 29 | 0.64 | 0.011 |
| | | 9/26/07 | **2.1** | 0.079 | <0.010 | <1.5 | **0.077** | **1.2** | <0.050 | 0.091 | 23 | | **0.63** |


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# TABLE 5
## QUARTERLY SURFACE WATER SAMPLE ANALYTICAL DATA
## HOMEWOOD MOUNTAIN RESORT
## HOMEWOOD, CA

| Sample ID | Sample Location | Date | Chloride (mg/L) | Nitrate Nitrogen (mg/L) | Nitrite Nitrogen (mg/L) | Oil & Grease (mg/L) | Total Phosphorus (mg/L) | Sulfate (mg/L) | Total Kjeldahl Nitrogen (mg/L) | Total Nitrogen (mg/L) | Total Dissolved Solids (mg/L) | Tubidity (NTU) | Iron (mg/L) |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| SW-3 | Quail Lake Outfall to Quail Lake Creek | 10/10/06 | **1.2** | 0.046 | <0.010 | <2.8 | **0.015** | <1.0 | 0.27 | **0.32** | 36 | 0.61 | **0.25** |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | <0.01 | <0.01 | NS | <0.01 | <1.0 | 0.065 | <0.07 | 49 | 1.6 | **0.19** |
| | | 9/26/07 | <1.0 | 0.054 | <0.010 | **5.3** | **0.018** | <1.0 | 0.26 | **0.32** | **63** | | **3.2** |
| SW-6 | Quail Lake Creek leaves HMR | 10/10/06 | **1.1** | 0.045 | <0.010 | <2.8 | <0.010 | <1.0 | 1.1 | **1.1** | 32 | 0.42 | **0.14** |
| | | 3/29/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | <1.0 | 0.042 | <0.01 | NS | <0.01 | **1.8** | 0.072 | 0.11 | 47 | 0.66 | **0.16** |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-11 | Unnamed Creek - Upper Road Crossing | 10/10/06 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 4/10/07 | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA | NA |
| | | 5/16/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-12 | Unnamed Creek - Middle Road Crossing | 10/10/06 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 4/10/07 | <1.0 | 0.047 | <0.010 | <2.0 | **0.020** | <1.0 | 0.21 | **0.26** | 49 | <0.10 | 0.010 |
| | | 5/16/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-13 | Unnamed Creek - Lower Road Crossing | 10/10/06 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 4/10/07 | <1.0 | <0.010 | <0.010 | <2.0 | **0.018** | <1.0 | 0.17 | 0.17 | 52 | 0.16 | 0.020 |
| | | 5/16/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-1 (P-1) | Homewood N. Lodge / Hwy. 89 | 10/11/06 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 3/29/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 5/16/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 9/27/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| SW-16 (P-2) | S. Parking Lot BMP | 10/10/06 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |
| | | 3/29/07 | **1.2** | 0.15 | <0.010 | <1.5 | **0.047** | <1.0 | 0.12 | **0.27** | **100** | 2.4 | **0.18** |
| | | 5/16/07 | **1.4** | <0.01 | <0.01 | NS | **0.023** | <1.0 | <0.05 | <0.07 | **130** | 3.3 | 1.1 |
| | | 9/26/07 | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF | NF |

Notes:

NA - Not Accessible-Not Sampled

NF - No Flow- Not Sampled

mg/L = milligrams per liter

NTU = nephelometric turbidity units

**BOLD = Meets or Exceeds Water Quality Objectives**

WQO = Water Quality Objectives


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# TABLE 6
## QUARTERLY SURFACE WATER SAMPLE FIELD PARAMETERS
## HOMEWOOD MOUNTAIN RESORT
## HOMEWOOD, CA

| Sample ID | Sample Location | Date | Temperature °C | pH | Dissolved Oxygen (mg/L) | EC (umhos/cm) | Flow (CFS) |
|---|---|---|---|---|---|---|---|
| SW-9 (M-1) | Lake Louise Enters Madden Creek | 10/10/2006 | 7.1 | 7.31 | 9.37 | 34.50 | <0.01 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 1.7 | 7.00 | 9.37 | 26.40 | 8.72 |
| | | 9/26/2007 | NF | NF | NF | NF | NF |
| SW-15 | Madden Creek - midstream | 10/10/2006 | 4.2 | 7.20 | 10.28 | 57.30 | 1.19 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 7.1 | 7.10 | 9.48 | 37.00 | 33.69 |
| | | 9/27/2007 | 5.4 | 7.64 | 10.04 | 52.50 | 0.73 |
| SW-2 (M-2) | Madden Creek @ HMR Property Line | 10/11/2006 | 5.3 | 7.70 | 10.41 | 56.40 | 1.42 |
| | | 3/30/2007 | 2.0 | 7.97 | 11.64 | 52.40 | 16.72 |
| | | 5/17/2007 | 7.9 | 7.05 | 9.74 | 38.00 | 32.10 |
| | | 9/27/2007 | 6.6 | 7.59 | 6.30 | 58.90 | 0.45 |
| SW-10 (E-1) | Ellis Creek Headwaters | 10/10/2006 | 2.8 | 7.20 | 10.82 | 40.50 | 3.19 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 1.2 | 6.72 | 10.20 | 24.80 | 5.00 |
| | | 9/26/2007 | 3.1 | 7.31 | 9.90 | 44.10 | 0.27 |
| SW-8 | Ellis Creek Confluence | 10/11/2006 | 5.9 | 7.69 | 9.10 | 66.80 | <0.01 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/17/2007 | 6.6 | 6.55 | NS | 34.90 | 11.69 |
| | | 9/26/2007 | 6.5 | 7.23 | 7.47 | 60.40 | <0.01 |
| SW-7 | Ellis Creek Bridge | 10/11/2006 | 4.9 | 7.50 | 9.31 | 61.80 | 0.51 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/17/2007 | 6.7 | 6.41 | 10.84 | 36.20 | 16.22 |
| | | 9/26/2007 | 6.4 | 7.31 | 7.14 | 57.60 | 0.01 |
| SW-14 (E-2) | Ellis Creek - South Lodge Culvert | 10/11/2006 | 7.6 | 7.55 | 10.19 | 128.90 | 0.22 |
| | | 3/29/2007 | 2.0 | 8.28 | 11.05 | 61.60 | 4.49 |
| | | 5/17/2007 | 7.9 | 6.49 | 10.16 | 42.10 | 12.72 |
| | | 9/27/2007 | 6.5 | 7.88 | 9.72 | 104.30 | 0.24 |
| SW-3 | Quail Lake Outfall to Quail Lake Creek | 10/10/2006 | 10.3 | 7.20 | 7.80 | 39.20 | 7.58 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 13.2 | 6.91 | 8.95 | 33.70 | 5.98 |
| | | 9/26/2007 | 8.8 | 7.29 | 7.38 | 56.90 | <0.01 |
| SW-4 | Quail Lake Stream Inflow - S | 10/10/2006 | 4.5 | 7.26 | 8.53 | 58.00 | <0.01 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 8.2 | 6.66 | 8.73 | 49.20 | 0.43 |
| | | 9/26/2007 | NF | NF | NF | NF | NF |


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# TABLE 6
## QUARTERLY SURFACE WATER SAMPLE FIELD PARAMETERS
## HOMEWOOD MOUNTAIN RESORT
## HOMEWOOD, CA

| Sample ID | Sample Location | Date | Temperature °C | pH | Dissolved Oxygen (mg/L) | EC (umhos/cm) | Flow (CFS) |
|---|---|---|---|---|---|---|---|
| SW-5 | Quail Lake Stream Inflow - N | 10/10/2006 | 5.2 | 7.10 | 8.93 | 50.80 | <0.01 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 5.9 | 7.08 | 9.92 | 32.60 | 6.26 |
| | | 9/26/2007 | 8.6 | 7.29 | 7.38 | 56.90 | 0.004 |
| SW-6 | Quail Lake Creek leaves HMR | 10/10/2006 | 9.0 | 7.32 | 9.05 | 37.40 | <0.01 |
| | | 3/29/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | 12.9 | 6.86 | 8.80 | 34.20 | 9.82 |
| | | 9/26/2007 | NF | NF | NF | NF | NF |
| SW-11 | Unnamed Creek - Upper Road Crossing | 10/10/2006 | NF | NF | NF | NF | NF |
| | | 4/10/2007 | NA | NA | NA | NA | NA |
| | | 5/16/2007 | NF | NF | NF | NF | NF |
| | | 9/26/2007 | NF | NF | NF | NF | NF |
| SW-12 | Unnamed Creek - Middle Road Crossing | 10/10/2006 | NF | NF | NF | NF | NF |
| | | 4/10/2007 | NF | NF | NF | NF | NF |
| | | 5/16/2007 | 4.1 | 6.52 | 9.26 | 37.20 | 4.50 |
| | | 9/26/2007 | NF | NF | NF | NF | NF |
| SW-13 | Unnamed Creek - Lower Road Crossing | 10/10/2006 | NF | NF | NF | NF | NF |
| | | 4/10/2007 | NF | NF | NF | NF | NF |
| | | 5/16/2007 | 6.6 | 7.86 | 8.90 | 34.60 | 0.11 |
| | | 9/26/2007 | NF | NF | NF | NF | NF |
| SW-1 (P-1) | Homewood N. Lodge / Hwy. 89 | 10/11/2006 | NF | NF | NF | NF | NF |
| | | 3/29/2007 | NF | NF | NF | NF | NF |
| | | 5/16/2007 | NF | NF | NF | NF | NF |
| | | 9/27/2007 | NF | NF | NF | NF | NF |
| SW-16 (P-2) | S. Parking Lot BMP | 10/10/2006 | NF | NF | NF | NF | NF |
| | | 3/29/2007 | 3.7 | 7.65 | 9.8 | 91.5 | NF |
| | | 5/16/2007 | 7.2 | 6.45 | 10.24 | 100.9 | < 1 |
| | | 9/26/2007 | NF | NF | NF | NF | NF |

Notes:

NA - Not Accessible-Not Sampled

NF - No Flow- Not Sampled

mg/L = milligrams per liter

EC - electrical conductivity

umhos/cm = microohms per centimeter

CFS = cubic feet per second


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# APPENDIX A

# Mean Annual Precipitation Data

***Table 10***

*Mean Annual Precipitation Characteristics*
*Homewood ECP*
*Spatial Climate Analyis, Oregon State University*

| | LOWER PROJECT AREA: | | | | UPPER WATERSHED: | | | |
|---|---|---|---|---|---|---|---|---|
| **Longitude** | -120.165 | -120.162 | -120.153 | -120.131 | -120.193 | -120.171 | -120.173 | -120.144 |
| **Latitude** | 39.105 | 39.088 | 39.069 | 39.059 | 39.083 | 39.075 | 39.047 | 39.054 |
| **Elevation** | 6259 | 6274 | 6445 | 6323 | 7321 | 7039 | 6968 | 6741 |
| **Year** | **Precip (in)** | **Precip (in)** | **Precip (in)** | **Precip (in)** | **Precip (in)** | **Precip (in)** | **Precip (in)** | **Precip (in)** |
| 1955 | 37.34 | 41.85 | 41.85 | 31.75 | 54.9 | 41.85 | 45.28 | 31.75 |
| 1956 | 30.59 | 33.28 | 33.28 | 25.74 | 40.36 | 33.28 | 34.48 | 25.74 |
| 1957 | 29.75 | 32.51 | 32.51 | 24.18 | 41.65 | 32.51 | 34.88 | 24.18 |
| 1958 | 30.87 | 33.54 | 33.54 | 25.51 | 42.93 | 33.54 | 37.35 | 25.51 |
| 1959 | 19.85 | 21.83 | 21.83 | 16.29 | 27.68 | 21.83 | 23.72 | 16.29 |
| 1960 | 26.93 | 29.25 | 29.25 | 21.01 | 37.67 | 29.25 | 30.97 | 21.01 |
| 1961 | 21.21 | 22.68 | 22.68 | 17.32 | 29.19 | 22.68 | 24.63 | 17.32 |
| 1962 | 34.14 | 37.02 | 37.02 | 27.22 | 46.76 | 37.02 | 39.79 | 27.22 |
| 1963 | 39.94 | 44.63 | 44.63 | 32.87 | 57.44 | 44.63 | 48.82 | 32.87 |
| 1964 | 42.02 | 45.12 | 45.12 | 33.64 | 57.96 | 45.12 | 48.48 | 33.64 |
| 1965 | 30.16 | 31.92 | 31.92 | 25.95 | 41.33 | 31.92 | 36.34 | 25.95 |
| 1966 | 21.57 | 23.93 | 23.93 | 17.69 | 31.5 | 23.93 | 25.57 | 17.69 |
| 1967 | 37.45 | 41.44 | 41.44 | 32.28 | 51.77 | 41.44 | 44.77 | 32.28 |
| 1968 | 29.98 | 33.33 | 33.33 | 23.5 | 42.42 | 33.33 | 34.03 | 23.5 |
| 1969 | 47.44 | 51.91 | 51.91 | 40.1 | 61.03 | 51.91 | 53.26 | 40.1 |
| 1970 | 39.14 | 42.39 | 42.39 | 32.67 | 54.51 | 42.39 | 45.53 | 32.67 |
| 1971 | 28.6 | 31.14 | 31.14 | 23.25 | 40.46 | 31.14 | 33.56 | 23.25 |
| 1972 | 27.47 | 29.48 | 29.48 | 21.29 | 36.12 | 29.48 | 30.28 | 21.29 |
| 1973 | 35.77 | 39.49 | 39.49 | 28.62 | 50.55 | 39.49 | 42.17 | 28.62 |
| 1974 | 25.55 | 28.19 | 28.19 | 20.18 | 35.1 | 28.19 | 29.11 | 20.18 |
| 1975 | 34.95 | 38.39 | 38.39 | 29.75 | 49.4 | 38.39 | 41.95 | 29.75 |
| 1976 | 11.78 | 12.98 | 12.98 | 11.17 | 16.97 | 12.98 | 14.57 | 11.17 |
| 1977 | 23.18 | 26.1 | 26.1 | 19.49 | 32.85 | 26.1 | 28.01 | 19.49 |
| 1978 | 26.04 | 29.18 | 29.18 | 22.69 | 37.83 | 29.18 | 31.05 | 22.69 |
| 1979 | 32.03 | 35.23 | 35.23 | 26.22 | 44.92 | 35.23 | 38.36 | 26.22 |
| 1980 | 42.19 | 46.3 | 46.3 | 34.39 | 53.75 | 46.3 | 45.35 | 34.39 |
| 1981 | 50.73 | 54.97 | 54.97 | 40.07 | 64.51 | 54.97 | 55.9 | 40.07 |
| 1982 | 61.85 | 66.2 | 66.2 | 49.18 | 79.79 | 66.2 | 68.94 | 49.18 |
| 1983 | 61.81 | 69.16 | 69.16 | 50.4 | 91.19 | 69.16 | 74.14 | 50.4 |
| 1984 | 28.9 | 31.78 | 31.78 | 23.16 | 41.94 | 31.78 | 34.36 | 23.16 |
| 1985 | 26.98 | 30.41 | 30.41 | 22.5 | 38.2 | 30.41 | 32.39 | 22.5 |
| 1986 | 41.74 | 43.96 | 43.96 | 33.2 | 55.7 | 43.96 | 45.78 | 33.2 |
| 1987 | 23.42 | 26.09 | 26.09 | 19.16 | 33.63 | 26.09 | 28.14 | 19.16 |
| 1988 | 24.35 | 26.92 | 26.92 | 18.59 | 34.07 | 26.92 | 27.7 | 18.59 |
| 1989 | 33.25 | 36.64 | 36.64 | 27.63 | 45.94 | 36.64 | 38.25 | 27.63 |
| 1990 | 21.55 | 23.94 | 23.94 | 17.5 | 31.56 | 23.94 | 25.63 | 17.5 |
| 1991 | 30.85 | 33.55 | 33.55 | 25.85 | 40.52 | 33.55 | 34.21 | 25.85 |
| 1992 | 28.81 | 32.59 | 32.59 | 23.82 | 42.75 | 32.59 | 35.59 | 23.82 |
| 1993 | 34.37 | 38.68 | 38.68 | 28.76 | 49.2 | 38.68 | 41.73 | 28.76 |
| 1994 | 26.79 | 30.46 | 30.46 | 23.03 | 37.92 | 30.46 | 32.71 | 23.03 |
| 1995 | 54.04 | 58.09 | 58.09 | 46.32 | 70.48 | 58.09 | 60.37 | 46.32 |
| 1996 | 68.63 | 74.74 | 74.74 | 56.55 | 90.92 | 74.74 | 76.01 | 56.55 |
| 1997 | 31.12 | 32.36 | 32.36 | 25.81 | 46.54 | 32.36 | 34.94 | 25.81 |
| 1998 | 47.22 | 50.08 | 50.08 | 40.1 | 74.98 | 50.08 | 54.74 | 40.1 |
| 1999 | 32.26 | 33.42 | 33.42 | 28.52 | 51.16 | 33.42 | 36.15 | 28.52 |
| 2000 | 30.37 | 32.08 | 32.08 | 25.03 | 52.77 | 32.08 | 35.12 | 25.03 |
| 2001 | 25.85 | 27.25 | 27.25 | 21.47 | 46.38 | 27.25 | 30.38 | 21.47 |
| 2002 | 27.38 | 28.43 | 28.43 | 23.18 | 47.01 | 28.43 | 31.26 | 23.18 |
| 2003 | 26.25 | 28.22 | 28.22 | 21.55 | 46.1 | 28.22 | 31.3 | 21.55 |
| 2004 | 26.41 | 26.81 | 26.81 | 21.36 | 41.51 | 26.81 | 29.01 | 21.36 |
| **Mean Annual:** | **33.42** | **36.40** | **36.40** | **27.55** | **47.44** | **36.40** | **38.74** | **27.55** |

**Lower Project Area Average: 33.44**

**Upper Watershed Average: 37.53**

# APPENDIX B

# TRPA Watershed Map

120°10'48"W

120°9'36"W

120°8'24"W

Intervening Zone E

Intervening Zone D

Intervening Zone C

Interven Zone

Ellis Creek Watershed

Madden Creek Watershed

Blackwood Creek

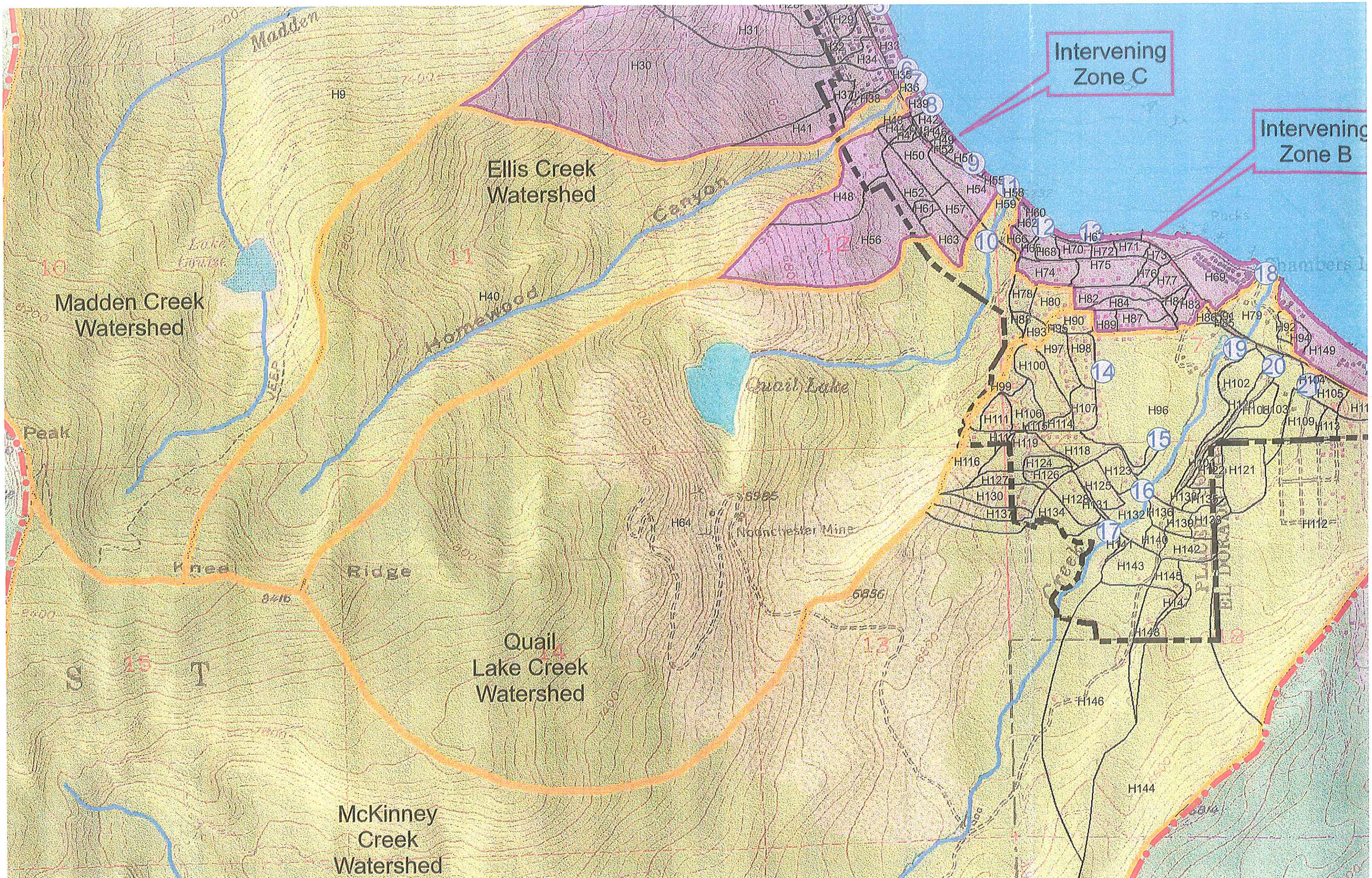
Madden Creek

Homewood Canyon

Lake George

H1 H2 H3 H4 H5 H6 H7 H8 H9 H10 H11 H12 H13 H14 H15 H16 H17 H18 H19 H20 H21 H22 H23 H24 H25 H26 H27 H28 H29 H30 H31 H32 H33 H34 H35 H36 H37 H38 H39 H40 H41 H42 H43 H44 H45 H46 H47 H48 H49 H50 H51 H52 H53 H54 H55 H56 H57 H58 H59 H60 H61 H62 H63 H66 H67 H68 H69 H70 H71 H72 H73 H74 H75 H76 H77 H78 H79 H80 H82 H83 H84 H86 H87 H88 H89 H90 H92 H93 H94 H95 H97 H98 H100 H149

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20



Intervening Zone C
Intervening Zone B
Ellis Creek Watershed
Madden Creek Watershed
Quail Lake Creek Watershed
McKinney Creek Watershed
Madden
Homewood Canyon
Quail Lake
Kneel Ridge
Peak
Noonchester Mine
Chambers