



exist\_

File name: H:\RanchopV\San Ramon SD\A-Hydrology\WMS\100-YEAR\EXIST\exist\_burn.lac Run date: wed Jun 16 08:20:03 2010

Los Angeles County Flood Control District  
Modified Rational Method Hydrology

| PCT<br>LOCATION<br>IMPV | SUBAREA |       | Storm Day 4 |       | Storm Frequency 1 |        | CONV | CONV | SLOPE   | SIZE | CONV | Z | CONTROL | SOIL | RAIN    |
|-------------------------|---------|-------|-------------|-------|-------------------|--------|------|------|---------|------|------|---|---------|------|---------|
|                         | AREA    | Q     | TOTAL       | AREA  | TOTAL             | Q      |      |      |         |      |      |   |         |      |         |
| 1 1A                    | 41.7    | 53.28 | 41.7        | 41.7  | 53.28             | 9.810  | 0    | 0    | 0.00000 | 0.00 | 0.00 | 0 | 0       | 2    | 25 5.53 |
| 0.26                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 2A                    | 0.0     | 0.00  | 41.7        | 41.7  | 53.28             | 9.811  | 3    | 1980 | 0.16425 | 64-8 | 0.00 | 0 | 0       | 2    | 0 5.53  |
| 0.00                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 3A                    | 25.8    | 49.97 | 67.5        | 67.5  | 90.42             | 16.720 | 0    | 0    | 0.00000 | 0.00 | 0.00 | 0 | 0       | 2    | 11 5.40 |
| 0.43                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 4A                    | 0.0     | 0.00  | 67.5        | 67.5  | 90.42             | 16.719 | 2    | 2390 | 0.14301 | 0.00 | 0.00 | 0 | 0       | 2    | 0 5.40  |
| 0.00                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 5A                    | 56.2    | 90.44 | 123.7       | 123.7 | 171.61            | 31.609 | 0    | 0    | 0.00000 | 0.00 | 0.00 | 0 | 0       | 202  | 16 5.23 |
| 0.29                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 6A                    | 0.0     | 0.00  | 123.7       | 123.7 | 171.61            | 31.606 | 2    | 654  | 0.10335 | 0.00 | 0.00 | 0 | 0       | 202  | 0 5.23  |
| 0.00                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 7A                    | 35.2    | 64.03 | 158.9       | 158.9 | 227.63            | 39.708 | 0    | 0    | 0.00000 | 0.00 | 0.00 | 0 | 0       | 202  | 12 5.12 |
| 0.13                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 8A                    | 0.0     | 0.00  | 158.9       | 158.9 | 227.63            | 39.705 | 2    | 1245 | 0.11660 | 0.00 | 0.00 | 0 | 0       | 202  | 0 5.12  |
| 0.00                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 9A                    | 24.7    | 36.80 | 183.6       | 183.6 | 262.33            | 44.759 | 0    | 0    | 0.00000 | 0.00 | 0.00 | 0 | 0       | 202  | 17 5.04 |
| 0.01                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |
| 1 10A                   | 0.0     | 0.00  | 183.6       | 183.6 | 262.33            | 44.759 | 0    | 0    | 0.00000 | 0.00 | 0.00 | 0 | 0       | 202  | 0 5.04  |
| 0.00                    |         |       |             |       |                   |        |      |      |         |      |      |   |         |      |         |

Normal End of MODRAT