

water purchased from the City of Cupertino over a ten-year period from 2000 through 2009 is shown in the table below.

**Table 3  
Quarry Water Use (Purchased)**

<b>Year</b>	<b>Gallons Purchased</b>	<b>Quarry Operations</b>	<b>Rock Plant / Mineral Aggregate Plant</b>
2000	127,785,328	25,557,066	51,114,131
2001	91,379,420	18,275,884	36,551,768
2002	108,316,384	21,663,277	43,326,554
2003	121,193,952	24,238,790	48,477,581
2004	145,320,692	29,064,138	58,128,277
2005	110,728,684	22,145,737	44,291,474
2006	128,086,024	25,617,205	51,234,410
2007	172,459,628	34,491,926	68,983,851
2008	89,676,224	17,935,245	35,870,490
2009	51,850,491	10,370,098	20,740,196
<b>Average</b>	114,679,683	22,935,937	45,871,873

Water from the North Quarry is used for controlling dust on unpaved Quarry access roads. A junction in the North Quarry dewatering system at the 1150 elevation allows for truck filling. The Quarry uses up to seven 12,000-gallon water trucks, depending on the level of operations. In 2009, the Quarry used an estimated 162.4 acre-feet of water for dust suppression.

### **Off-Site Traffic**

Mining activities at the Quarry generate off and on-site traffic. Generally, traffic occurs in the following categories:

- Customer haul trucks to Rock Plant
- Quarry employees
- Deliveries of materials and supplies
- Contractor visits
- Reclamation work crews

Customer haul trucks visiting the Rock Plant utilize Stevens Creek Boulevard, Foothill Boulevard, Highway 280, and the Foothill Expressway. There is a staffed guard house at the entrance to the property at the western terminus of Stevens Creek Boulevard. Upon entry through the main gate, haul trucks proceed to the south along a private road to the Rock Plant. Loaded haul trucks depart along the reverse course. Customer data indicates that haul trucks leaving the site travel an average distance of 20 miles to their destination.

The existing levels of haul truck traffic are shown in Table 2. This table shows that the combined average of Rock Plant truck traffic and Mineral Aggregate Plant haul truck traffic is 62,645 trucks annually. The peak number of haul trucks recorded within the ten-year period for combined Rock Plant and Mineral Aggregate Plant truck traffic