

**3.2.6.b** An additional site in this area, Murphy Canyon (G 1), will not be included in the inventory. The site is located on lands owned by the U.S. Navy; however, military personnel were unwilling to grant access to City staff for survey purposes. Bauder (1986) recorded *M. minimus* and *P. abramsii* at G 1-2.

**3.2.7 Urban San Diego**

Two vernal pool sites occur within the urban San Diego area: Kelton and Chollas Lake.

**3.2.7.a** Kelton (S 4) is a 29-acre parcel owned by the City of San Diego located southeast of the intersection of Euclid and Highway 94. Three vernal pool basins cover a total of 962.5 square feet. No sensitive species were observed, and BMX activity is known to occur on-site. This site was not included in Bauder’s report (1986). Vernal pool indicators noted at this site are listed in Table 32. For a map of this site, refer to 194-1737 in Appendix C.

<b>Table 32</b>		
<b>Kelton</b>		
<b>Presence of Vernal Pool Indicator Species</b>		
<i>Callitriche marginata</i>	•	<i>Myosurus minimus</i>
<i>Crassula aquatica</i>	•	<i>Navarretia fossalis</i>
<i>Deschampsia danthoniodes</i>		<i>Orcuttia californica</i>
<i>Downingia cuspidata</i>		<i>Phalaris lemmonii</i>
<i>Elatine californica</i>		<i>Phalaris</i> spp.
<i>Epilobium pygmaeum</i>		<i>Pilularia americana</i>
<b><i>Eryngium aristulatum</i></b>		<i>Pilularia</i> spp.
<i>Isoetes howellii</i>		<i>Plagiobothrys acanthocarpus</i>
<i>Isoetes orcuttii</i>	•	<i>Plantago elongata</i>
<i>Isoetes</i> spp.		<i>Plantago</i> spp.
<i>Lilaea scilloides</i>		<b><i>Pogogyne abramsii</i></b>
<i>Marsilea vestita</i>		<b><i>Pogogyne nudiuscula</i></b>
<i>Malvella leprosa</i>		<i>Psilocarphus brevissimus</i>
<i>Branchinecta</i> spp.		<b><i>Branchinecta sandiegonensis</i></b>
<i>Branchinecta lindahli</i>		<b><i>Streptocephalus woottoni</i></b>



Kelton  
Vernal pool 3 looking north

**3.2.7.b** A second site occurs in the vicinity of Chollas Lake. This 13-acre site, which historically supported *B. sandiegonensis* (personal comm. Greg Mason, Helix Environmental), was not included in Bauder’s inventory (1986). The current inventory was unable to cover this area because it is owned by the U.S. Navy, and repeated attempts by the City to gain access were denied.

**3.2.8 Otay Lakes**

Two vernal pool sites are located in the Otay Lakes area: the 19 basins of Proctor Valley and the larger Otay Lakes, which includes 87 basins.

**3.2.8.a** The Proctor Valley (R 1) site is located along Proctor Valley Road between Indian Springs and eastern Chula Vista. This site has been grazed and off-road vehicle activity occurs on-site. Eighteen basins were mapped on a City-owned parcel of approximately 157 acres and a single basin was mapped on an adjacent privately owned parcel. None of these vernal pools are conserved at this time. No sensitive plant species were observed at this site; however, Bauder (1986) observed *M. minimus* at two basins. *Branchinecta* spp. were noted in eight vernal pools. Vernal pool indicator species and fairy shrimp observed at this site are listed in Table 33. This area was not surveyed for amphibians. For a map of this site, refer to 178-1785 in Appendix C.

<b>Table 33</b>		
<b>Proctor Valley</b>		
<b>Presence of Vernal Pool Indicator Species</b>		
<i>Callitriche marginata</i>	•	<i>Myosurus minimus</i>
<i>Crassula aquatica</i>	•	<i>Navarretia fossalis</i>