

Table 4-10. Butte County Meadowfoam Impact Analysis by Occurrence

Occurrence	Direct Impacts	Indirect Impacts
1 – Airport North	To be protected but is adjacent to planned future development. No direct effects.	Potential for slightly greater human disturbance as the planned future development is 200 feet away from the occurrence and, except for an 80 foot section at the western end of the proposed commercial development, is separated from the occurrence and its habitat by existing commercial development.
2 – Airport North	Will be removed by planned future development.	The entire occurrence and its supporting habitat are within the footprint of the proposed development.
3 – Airport West	To be protected but adjacent to planned future development. No direct effects.	Adjacent development of the graded area on the west side of the airport runway will likely change the amount of water entering the BCM habitat supporting this occurrence and therefore likely reduce the extent and quality of habitat. Carrying capacity of habitat for this occurrence could be reduced.
4 – Airport South	No direct effects.	No indirect effects.
5 – Cohasset	To be protected but adjacent to planned future development. No direct effects.	No indirect effects. Adjacent development consists of road improvement of narrow strips along Cohasset Road that are beyond a high stone wall and down slope from the occurrence and its supporting habitat.
6 – Cohasset	Has or will be extirpated under separate ESA/CESA authorizations. However, could be authorized under BRCP Permits.	The entire occurrence and its supporting habitat are within the footprint of the planned Cohasset Road widening. Has or will be extirpated under separate ESA/CESA authorizations.
7 – Diesel	No direct effects.	No indirect effects.
8 – Rancho Arroyo	No direct effects.	No indirect effects.
9 – Stilson Canyon	To be protected, except for removal of a small isolated occupied area north of Humboldt Road on a graded area adjacent to the former dump site. The species is presumed extant in that highly disturbed area but, based on the level of ground disturbance, the occurrence may have been much reduced or extirpated.	Potential for slightly greater human disturbance of small effect because the planned future development is approximately 160 feet or more from the occurrence, is located across an existing road, and is on the other side of a hill so the development will not alter the hydrology supporting the occurrence.
10 – Stilson Canyon Church Property	No direct effects.	Development of areas east of Bruce Road has a very small likelihood of changing the amount of water entering the BCM habitat supporting this occurrence. The occurrence is adjacent to the existing Meriam Park Preserve.
11 – North Enloe	No direct effects.	No indirect effects.
12 – Creekside	Will be removed by planned future development.	The entire occurrence and its supporting habitat are within the footprint of planned future development.

Table 4-10. Butte County Meadowfoam Impact Analysis by Occurrence (continued)

Occurrence	Direct Impacts	Indirect Impacts
13 – North Enloe	Has or will be extirpated under existing ESA/CESA authorizations for Meriam Park development.	Has or will be extirpated under existing ESA/CESA authorizations for Meriam Park development.
14 – Doe Mill Preserve	No direct effects.	No indirect effects.
15 – Schmidbauer SE	No direct effects.	No indirect effects.
16 – Schmidbauer W	No direct effects.	Potential for slightly greater human disturbance as the planned future development adjacent to the site. The development is down slope and will not affect the hydrology supporting the occurrence if the swale leading to the planned future development is allowed to drain naturally.
17 – Schmidbauer	No direct effects.	Potential for slightly greater human disturbance as the planned future development is immediately across Bruce Road. The development is down slope and will not affect the hydrology supporting the occurrence.
18 – CNDDDB 51	Will be removed by planned future development	No indirect effects (entire occurrence removed)
19 – Farm Credit	Occurrence extirpated under prior ESA/CESA authorization. However, if plants remain on heavily disturbed parcel at Northeast corner of Bruce Road and East 20 th Street, these will be removed by future development.	No indirect effects, occurrence extirpated.
20 – CNDDDB 13	No direct effects.	No indirect effects.
21 – CNDDDB 41	No direct effects.	No indirect effects.
22 – Section 21	To be avoided. Southern portion of the occurrence that is within the footprint of planned future development will be avoided (see Figure 5-44b).	Potential for human disturbance due to the adjacent planned future development. Because the planned development is down slope and across a stream, the hydrology supporting the occurrence will not be altered.
23 – CNDDDB 53	No direct effects.	No indirect effects.
24 – CNDDDB 52	No direct effects.	No indirect effects.
25 – Wurlitizer	To be avoided. Work on State Route 99 will occur on the north side of the highway	No indirect effects.
26 – Dove Ridge	No direct effects.	No indirect effects.
27 – HWY 149 North	No direct effects.	No indirect effects.
28 – HWY 149 South	No direct effects.	No indirect effects.
29 – CNDDDB 5	NA (occurrence extirpated).	NA (occurrence extirpated).
30 – CNDDDB 5	No direct effects.	No indirect effects.
31 – CNDDDB 6	NA (occurrence extirpated).	NA (occurrence extirpated)
32 – CNDDDB 31	The majority of the occurrence and its supporting habitat will be removed by planned widening of State Route 99.	The small portion of the occurrence and habitat that will not be directly affected will be substantially impacted. However, this occurrence is already isolated by the highway and a canal and surrounding agricultural lands.
33 – Table Mountain	No direct effects.	No indirect effects.