**Draft Glossary for BDCP Science Advisors**

*(preliminary draft dated 11 April 2011)*

**Adaptive trigger**: Adaptive management triggers are quantified thresholds established for objectives or conservation measures that, if exceeded, would identify the need for an analysis of cause and effect and development of alternative actions to improve effectiveness of the conservation measure. Adaptive management triggers related to effectiveness identify specific conditions in which targets are not likely to be achieved and therefore adaptive changes should be considered and undertaken. [BDCP section 3.7.4 *Concept of Adaptive Management Triggers*]

**Biological Goal:** “In the context of HCPs, biological goals are the broad, guiding principles for the operating conservation program of the HCP… Multiple species HCPs may categorize goals by species or by habitat, depending on the structure of the operating conservation program.” (Five-Point Policy)

**Biological Objective**: ”For more complex HCPs, biological objectives can be used to step down the biological goals into manageable, and, therefore, more understandable units… If the operating conservation program is relatively complex, the biological goal is divided into manageable and measurable objectives. Biological objectives are the different components needed to achieve the biological goal such as preserving sufficient habitat, managing the habitat to meet certain criteria, or ensuring the persistence of a specific minimum number of individuals… Biological objectives should include the following: species or habitat indicator, location, action, quantity/state, and timeframe needed to meet the objective.” (Five-Point Policy)

**Conservation Measure**: Specified actions identified in HCPs and NCCPs that are designed to collectively achieve the HCP and NCCP biological goals and objectives and to satisfy state and federal regulatory requirements. “Conservation measures identified in an HCP, its accompanying incidental take permit, and/or IA, if used, provide the means for achieving the biological goals and objectives.” (Five-Point Policy)

**Conservation Target**: Conservation targets represent the extent and distribution of habitat to be protected, enhanced, and restored/created to achieve the biological goals and objectives. (BDCP section 3.2.4.1 *Conservation Targets*)

**Global Goal**: From the Logic Chain Group, defined as a goal that is established by the agencies (NMFS, USFWS, DFG) that describes the ultimate outcome regarding recovery of the ecosystem/covered species*;* these are statements that describe what is needed to achieve the recovery. The top level of the logic chain. (Source: Logic Chain Users Guide, Appendix A: Logic Chain Terminology, Jan 2010).

**Logic Chain**: From the Logic Chain Group, defined as a process and framework for linking recovery goals for covered fish species with BDCP goals, objectives, conservation measures, monitoring, and adaptive management. (Source: Logic Chain User’s Guide).

**Metric**: Metrics are measurements or characteristics of species, natural communities, and ecological systems that are used to track progress toward the achievement of biological goals and objectives. The metric value is the quantity of the specific unit of measurement, for example, the metric may be *acres of restored habitat* and the metric value may be a *target of restoring 100 acres of habitat*.

**Monitoring**: The systematic collection, measurement, and evaluation of environmental and other data for the purpose of: 1) gauging the effectiveness of the plan in meeting the biological goals and objectives; and 2) to verify that the terms and conditions of the plan are being properly implemented. (Source: page 1-11 BDCP and Section 3.6.4 in BDCP November 18, 2010).

**Take**: Under the Endangered Species Act the term “take means to harass, harm, pursue, hunt, shoot, wound, kill, trap, capture, or collect, or to attempt to engage in any such conduct.” Under California Fish and Game Code Section 86 the term "take" is defined as to “hunt, pursue, catch, capture, or kill, or attempt to hunt, pursue, catch, capture or kill.”