Table 2-1: Summary of Metals Translator Study Sampling Events

Sampling Round	Date	Hydrologic Condition	Comments
1	5/5/2001	Estuary mouth open with ocean interchange. Santa Clara river flowing to estuary.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
2	6/26/2001	Estuary impounded.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point. MZ-1 not sampled due to mixing zone location between MZ-6 and MZ-6b (MZ-6b located between MZ-1 and MZ-6)
3	7/25/2001	Estuary impounded	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
4	8/28/2001	Estuary impounded. Water levels rising.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
5	9/26/2001	Estuary impounded. Water levels rising.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
6	10/29/2001	Estuary impounded. Water levels rising.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
7	11/20/2001	Estuary impounded. Water levels rising.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
8	12/5/2001	Estuary open. Rising tide.	Mixing zone established primarily on visual observation of discharge flow into the pooled estuary. Validated with water quality parameter measurement to establish sampling point.
9	1/8/2002	Estuary 75% inundated. Estuary has been impounded for approximately 2 weeks. Campground is open and dry.	Mixing zone established primarily on salinity levels and visual relationships between outfall flow and tidal inflow. Validated with water quality parameter measurement to establish sampling point.
10	2/12/2002	Open conditions. Tidal outflow during sampling event. Hot and still.	Mixing zone established primarily on salinity levels, and visual relationships between outfall flow and tidal inflow. Validated with water quality parameter measurement to establish sampling point.
11	3/26/2002	Estuary 80-90% inundated. Backwater fingers adjacent to sandspit filling at a rapid rate. No tidal influence.	Mixing zone established primarily on salinity levels, and visual relationships between outfall flow and tidal inflow. Validated with water quality parameter measurement to establish sampling point.
12	4/25/2002	Estuary is impounded. The sand spit prevents outflow, yet peak tides flow over the sandbar, and inundate the estuary. Sandbar is low and quite compacted.	Mixing zone established primarily on salinity levels, and visual relationships between outfall flow and tidal inflow. Validated with water quality parameter measurement to establish sampling point. Water is very red-brown. Lots of fish jumping and many birds. Two dead pelicans sighted, and one comatose pelican.