

# Bechtel

## Interoffice Memorandum

To Project File File No. CTO-0076/0572

Subject Historical Aerial Photograph Review of Landfill Sites, MCAS El Toro Date May 12, 1997

From Tim Latas

Of

Copies To At CLEAN II Ext 687-8848

The attached historical aerial photographs were selected from an extensive review of photographs dating from 1952 to 1993 at Continental Aerial Photograph, Inc. in Los Alamitos, California on January 20, 1997. The review of aerial photographs focused on the historical activities at Site 2 (Magazine Landfill) but also noted activities occurring at the other three landfill sites (Site 3 - Original Landfill; Site 5 - Perimeter Road Landfill; and, Site 17 -Communication Station Landfill). The following is a summary of the notes taken during the review.

### Photographs 3K-36,37 12/12/52

Site 2 - Areas A and B appear as open fields with short (grass vegetation). Area C1 and C2 are not disturbed and appear adjacent to the washes. Area D1 is located at the end of an open field and Area D2 is an open field.

Site 5 - no activities present; possible native habitat.

Site 3 - possible piles in the west half; large disturbance in east half.

Site 17 - no wastes or activities present.

### Photographs 261 24-169,170 3/28/59

Site 2 - Areas A and B not on photograph. Area C1 not disturbed: Area C2 is long and narrow and may represent original configuration of area. Area D1 is a field.

Site 3 - parking area on the west half with trailers(?) apparent. East half has rectangular disturbance with small outlying areas of disturbance.

Site 5 - long narrow trench is apparent with possible wastes visible in trench.

Site 17 - native habitat.

### Photographs IFF 65,66 9/20/65

Site 2 - not on photographs.

Site 5 - very clear depiction of long, narrow trench



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Photographs OC67-105,106 3/30/67

Site 2- Area A has south half disturbed (early landfill operation). Area B has west half disturbed (early landfill operation). Area C1 has no disturbance. Area C2 top of are appears to be cleared. Area D1 has no disturbance of streambank, piles apparent on perimeter of the area. Area D2 small areas of surface disturbance next to archery range road.

Photographs R61-7-168,169 1/31/70

Site 2 - Area A has disturbance in the south half (landfill operations). Area B has disturbance in the north one quarter (landfill operations). Area C1 has no disturbances. Area C2 south half is disturbed. Area D1 has a sloped shape from the streambank to streambed. Area D2 has small areas of disturbance next to archery range road.

Photographs 94-19 6/28/71

Site 2 - Area A is disturbed in the southern half (landfill operations). Area B is disturbed in the northern half (landfill operations). Area C1 has no apparent disturbances. Area C2 is disturbed I the southern half. Area D1 has disturbance along the perimeter to the Orange County facility.

Photographs 132 10-11,12 10/29/73

Site 2 - Area A has an apparent deep trench on west side and disturbance throughout area (landfill operations). Area B has disturbance throughout area. Area C1 has some clearing (mowing) occurring on top of streambank. Area C2 minimal disturbance (mowing) in southern half of area. Area D1 appears to be filled but no piles are visible. Area D2 has no disturbances.

Photographs 181 11-18, 19 1/24/77

Site 2 - Area A is completely disturbed (landfill operations). Area B has occasional small areas of disturbance. Borrow pit above the Area A and B is present. Area C1 has top of bank cleared with some bank disturbances. Area C2 has the top cleared with bank disturbances with apparent equipment storage occurring in the area. Area D1 has a few piles present on the fill area.

Photographs 203 11-22,23 12/13/78

Site 2 - Areas A and B has apparent grading patterns but has light color (grass cover?). Area C1 and C2 have the bank tops cleared with no bank disturbances. Area D1 has few piles but are very light in color (recent dumping?).

Photographs 80033-160,161 2/25/80

Site 2 - Areas A and B are covered with grass (?). Areas C1 and C2 are cleared on bank tops. Area D1 has apparent piles on the banks. Area D2 has small areas of disturbance next to the archery range road.

Photographs 211 11-14,15 1/31/81



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Site 2 - Area A has apparent disturbances on the extreme southern end. Area B appears to be grass covered. Area C1 appears cleared on top in southern half. Area C2 appears to be a staging area with apparent equipment. Area D1 has apparent fresh piles (very light color) adjacent to fresh piles on Orange County facility perimeter road. Considerable disturbance in streambed next to Area D1. Area D2 small areas of disturbance next to archery range road.

Photographs 218 11-20,21 5/18/83

Site 2 - Area A as an apparent disturbance near the center with remainder of Areas A and B undisturbed. Area C1 appears to be cleared between Magazine Road and top of bank with vegetation on the banks. Area C2 appears to be a staging area with apparent equipment on the area. Area D1 has the banks extended into the wash, restricting the flow of the wash.

Photographs C-3 204,205 7/26/88

Site 2 - Areas A and B appear to be grass covered and are not disturbed. Area C1 is not disturbed. Area C2 appears to be a staging area with equipment/trailers. This staging area appears to be related to intensive borrowing activities in area between Sites 2 and 17. Area D1 appears overgrown with banks extending into streambed, restricting flow. Area D2 has very few small areas of disturbance next to the archery range road.

Photographs C85-11-10,11 1/20/92

Site 2 - Areas A and B appear to be undisturbed. Area C1 appears to be undisturbed. Area C2 is cleared on top of bank with a few small areas of disturbance on the bank. Area D1 has the piles apparently overgrown with vegetation. Area D2 is overgrown.

Photographs C86-9-38 2/2/93

Site 2 - Areas A, B, and C1 are not disturbed. Area C2 appears to be covered with a light vegetation (weeds?). Area D1 is covered with vegetation and perimeter road at Orange County Facility is heavily used. Borrego Canyon Wash has widened from bank to bank with bank extensions removed.

List of Photographs Included:

1. AXK-AK-36,37 12/12/52 stereographic pairs
2. AK-36 12/12/52 1"=1000' enlargement of Sites 2, 3, 5, and 17
3. 261-24-170 3/28/59 1"=650' enlargement of Sites 3, 5, and 17
4. 261 6-24-169, 170 3/28/59 stereographic pairs
5. OC67-105 3/30/67 1"=650' enlargement of Site 2
6. OC67-105,106 stereographic pairs
7. 94-19 6/28/71 1"=650' enlargement of Site 2
8. 132-10-11 10/29/73 1"=65' enlargement of Site 2
9. 181-11-18 1/24/77 1"=650" enlargement of Site 2



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10. 80033-160,161 2/25/80 stereographic pairs
11. 218 11-20,21 stereographic pairs
12. C85-11-10,11 stereographic pairs





**NEGATIVE NO.:** 181-11-18

**DATE OF PHOTO:** 1-24-77



**NEGATIVE NO.:** 132-10-11

**DATE OF PHOTO:** 10-29-73



**NEGATIVE NO.: 94-19**

**DATE OF PHOTO: 6-28-71**



**NEGATIVE NO.: DC-105**

**DATE OF PHOTO: 3-30-67**



**NEGATIVE NO.:** 3K-36

**DATE OF PHOTO:** 12-12-52

