

RAB Subcommittee

Main Agenda Issues since 26 January:

Minutes

Unit A.

Analysis of Site 2 Landfill Boundary Data
(Request made) *(see attached pages)*

Unit B.

* BCP Status -

The Sub-Committee urges that there be adequate funding for El Toro oversight by the Agencies.

Imminent actions are due to occur that have major hydrogeologic aspects.

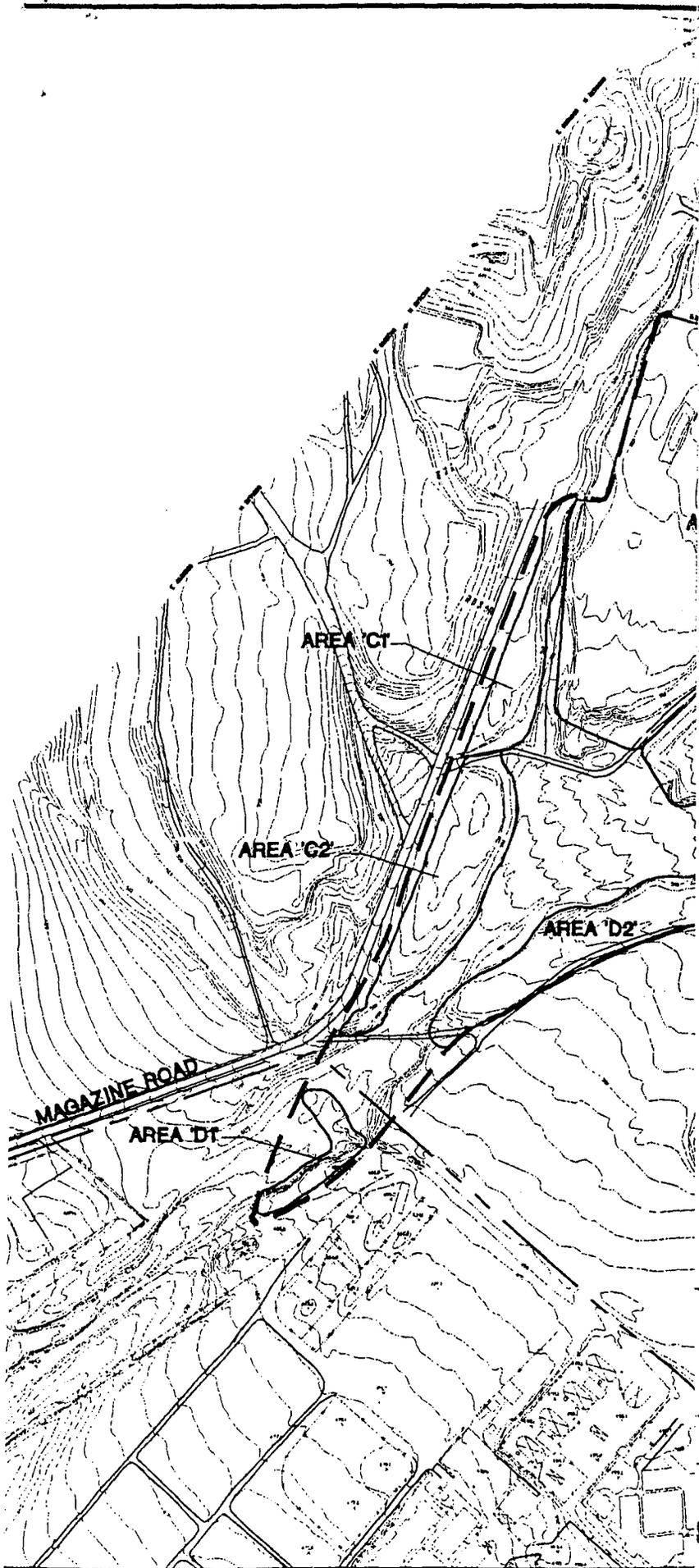
The Irvine Report needs Agency responses

The EIS has been released

(Requests being made)

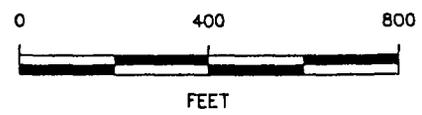
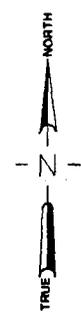
Unit E.

* Perchlorate - Preparing note (J. Farber)



LEGEND

-  MCAS EL TORO BOUNDARY
-  LANDFILL WASTE BOUNDARY
-  EXISTING TOPOGRAPHY



Feasibility Study
Figure 3-2
 Remedial Action Planning Areas
 Site 2 - Magazine Road Landfill
 MCAS, El Toro, California



Bechtel National, Inc.
 CLEAN II Program

Date: 8/29/96
 File No: 076L1473
 Job No: 22214-076
 Rev No: A

Section 3 Screening of Presumptive Remedy Technologies

Response actions for Site 2 were selected from a comprehensive list of general response actions that typically are considered for CERCLA municipal landfills. The following response actions were considered applicable for conditions at Site 2.

- No Action – involves no remedial activity for the environmental media.
- Institutional Controls – physical controls (e.g., signs, fencing) or administrative controls (e.g., deed or access restrictions) designed to limit exposure to contaminants present at the site.
- Containment – containment technologies isolate the landfill contents and mitigate off-site migration through the use of engineering controls (e.g., capping and drainage controls).

Excavation of the entire landfill and disposal in another landfill (clean closure), and treatment to stabilize landfill wastes on-site are two additional general response actions that were considered for Site 2. Due to the large volume of wastes, clean closure by excavation was not considered feasible. Excavation will, however, be considered for consolidation of outlying portions of the landfill. Also, because neither the exact location nor the chemical nature of the buried wastes in the landfill is known, treatment would be difficult and impractical. Consequently, treatment was not further evaluated for Site 2.

3.3 ESTIMATING AREAS REQUIRING REMEDIAL ACTION

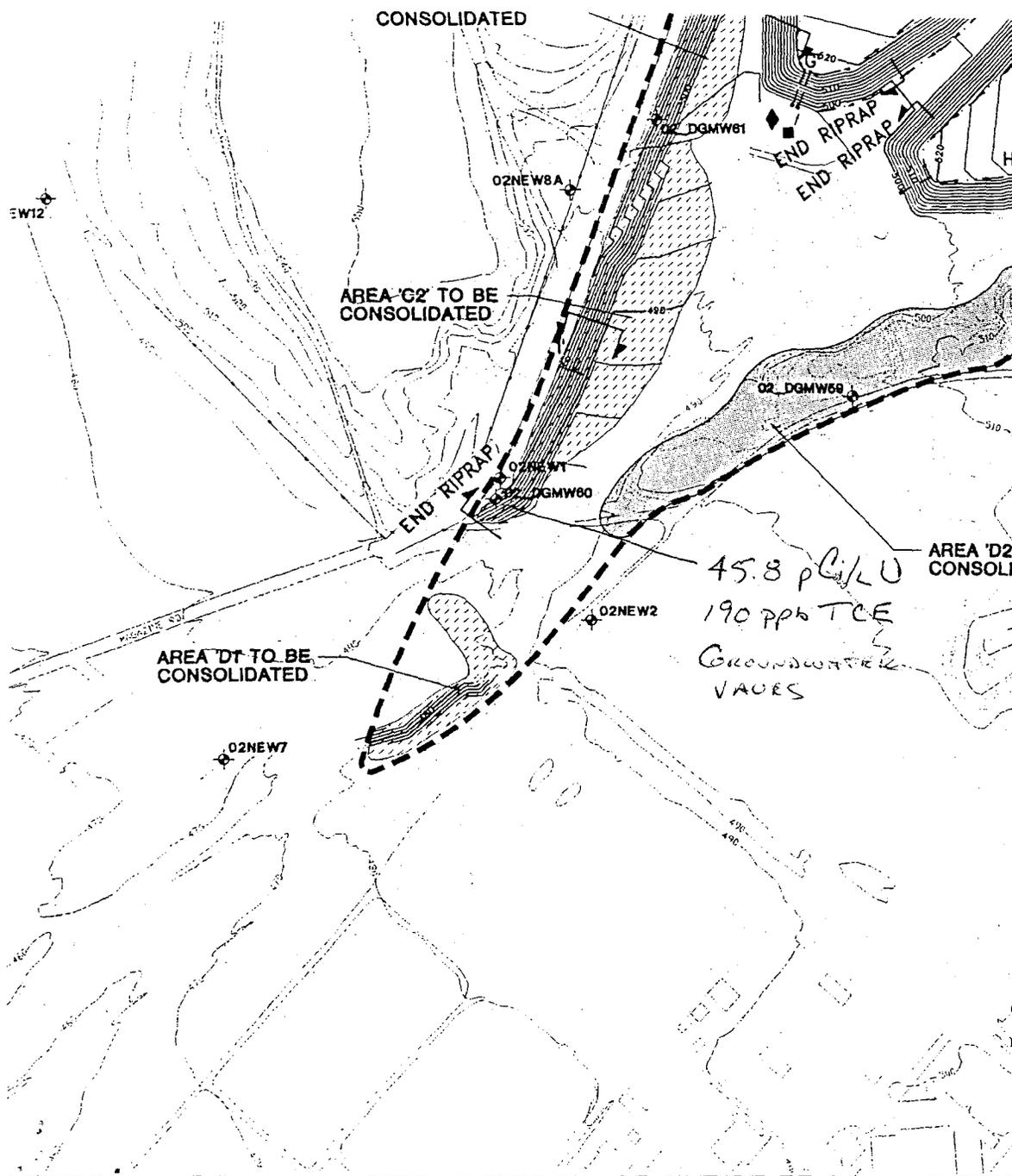
The third step in the process of identifying and screening remedial technologies is estimating the size of areas requiring remediation. Six such areas have been identified at Site 2 (Figure 3-2).

- Areas A and B represent the main body of the landfill and are approximately 15.6 acres and 11.6 acres, respectively.
- Areas C1 and C2 are steeply sloped areas that contain surficial wastes from dumping from the top of the streambanks. Area C1 is approximately 1.4 acres. Area C2 is approximately 2.6 acres. Areas C1 and C2 will be revegetated with coastal sage scrub to provide a “no net loss” of gnatcatcher habitat.
- Area D1 appears to contain buried construction debris and other debris, which was possibly used for streambank protection. Area D1 is approximately 0.6 acres. Area D1 will also be revegetated with coastal sage scrub.
- Area D2 is covered with scattered surficial wastes. Area D2 is approximately 2.7 acres.

3.4 SCREENING AND IDENTIFYING PRESUMPTIVE REMEDIES

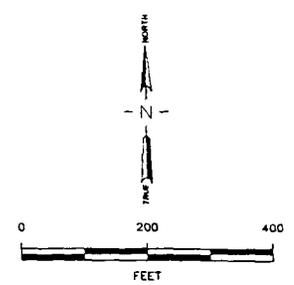
Using information on the media of interest, potential receptors, and pathways, as well as ARARs, the presumptive remedies were screened to identify those that are applicable to Site 2. The presumptive remedies introduced and screened in this section include:

- landfill capping,
- source area groundwater control to contain plume,



- PROPOSED EASEMENT LOCATION (SHOWS ANGLE DIRECTION)
 - PROPOSED GAS MIGRATION MONITORING PROBE LOCATION
 - ESTIMATED LIMIT OF LANDFILLED WASTES
 - EXISTING TOPOGRAPHY
 - PROPOSED GRADED TOPOGRAPHY
 - PROPOSED BERM
 - PROPOSED DRAINAGE CUTCH AND FLOW DIRECTION
 - PROPOSED FENCE LINE (TO BE INSTALLED AS PART OF EMERGENCY RESPONSE ACTION IN 1996)
 - AREAS TO BE EXCAVATED AND CONSOLIDATED UNDER PROPOSED LANDFILL CAP
 - SCATTERED TRASH IN SMALL PILES TO BE CONSOLIDATED UNDER PROPOSED LANDFILL CAP
 - CROSS SECTION LOCATION (SEE FIGURE XX-X FOR DETAILS)
-
- INLET
 - DOWNDRAIN
 - IMPACT BASIN

NOTE:
 1. AERIAL FLIGHT DATE MARCH 6, 1998
 TOPOGRAPHIC MAPPING PREPARED BY:
 ROBER BEIN, WILLIAM FROST & ASSOCIATES
 IRVINE, CA



Feasibility Study Figure 4-1 Proposed Final Grading Plan Site 2 - Magazine Road Landfill	
NCAS El Toro, California	
	Date: 8/29/96 File No: 076J1075 Job No: 22214-076 Rev No: E