

5090  
Ser 09A2A.13/MGP/A1a/NAS

25 APR 1986

California Regional Water Quality Control Board  
San Francisco Bay Region  
1111 Jackson Street, Room 6040  
Oakland, CA 94607

Gentlemen:

This letter is in response to Item 2 of your letter 2199.9080A (GRF) of March 4, 1986.

The following factors are affecting timely completion of the one foot cover for the entire landfill area:

- a. Changed site conditions. The borrow area originally intended as the source of cover material has been declared a wetlands by the Corps of Engineers. Cover material must therefore be imported to the site.
- b. Contractor deficiency in providing cover material. The latest survey performed by our consultant indicates that approximately 65,000 cubic yards (cy) of clay material is still required to provide the required one foot cover for the landfill. Enclosure (1) indicates the areas and thicknesses of clay cover found during the survey and shows that much of the site has not been provided with the clay cover. An estimated additional 10,000 cy is required to cover the 15 foot setback area from the wetland/landfill interface. As discussed in our March 4, 1986 letter to you, we have been able to locate an acceptable source of 20,000 cubic yards. Our contractor is presently moving and spreading this material at the site, with an additional 55,000 cy of cover still required.
- c. Fifteen foot setback requirement from the wetland/landfill interface to avoid "filling of the wetlands." Providing cover material in this area will require a permit from the Corps of Engineers (COE).
- d. Project funding constraints. As a result of changed site conditions and contractor deficiency in providing the cover material, current project appropriations are not sufficient to fund the cost of placing the remaining 55,000 cy of cover material. Depending on the proximity of new sources of cover material, additional funds of \$600,000 to \$900,000 will be needed. These funds can only be provided through a reprogramming action by Congress, and considering the present federal budgetary cutbacks, there is not much optimism that these additional

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funds will be granted. Additionally, as a legal provision on military construction projects, appropriations are available only for five years or specifically, for this project, through the end of September 1987.

- e. Current prohibition in your closure order against the placing of dredge spoils at the site.

Considering all of the above factors, our current plan of action and schedule for accomplishment follows:

- a. The present 20,000 cy of cover material currently being moved will be spread and compacted in the northern portion of the landfill to provide one foot of clay cover on at least one-third of the landfill area. As required, documentation on the acceptability of the clay cover will be provided at that time.
- b. We hereby request an amendment to your closure order to permit placement of 55,000 cy of acceptable dredge spoil materials over the one foot clay cover during an upcoming maintenance dredging activity at the station. Upon sufficiently drying out, the dredged material will then be used to provide the required one foot cover on the remaining areas, including the setback area.

- c. Our schedule for accomplishment of these actions follows:

July 30, 1986	complete spreading and compaction of 20,000 cy of material to provide one foot of cover on the northern area of the landfill.
May 15, 1986	start process to obtain COE permit to allow "filling" of the setback area.
October 30, 1986	complete plans and specifications for placement of dredge spoils over the landfill areas with the one-foot of clay cover.
December 30, 1986	complete placement of 55,000 cy of dredge spoils at the designated landfill areas.
August 30, 1987	complete the one foot cover on remaining landfill areas including the setback area and a small area on the northeast side of the landfill outside of the dike.

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We would like to meet with you at your convenience to discuss our proposal, the issues involved, and to address any concerns you may have regarding closure of the landfill. Questions regarding this matter may be directed to Louise T. Law at (415) 877-7497.

Sincerely,

ALEX E. DONG  
HEAD, WEST CENTRAL ENVIRONMENTAL SECTION

Encl:

- (1) Drawing Showing Limits and Thicknesses of Clay Cover at the West Beach Landfill, HAS Alameda

Copy to:

HAS Alameda

Blind copy to:

09A2A (w/o encl)

09A2A.13

405

05

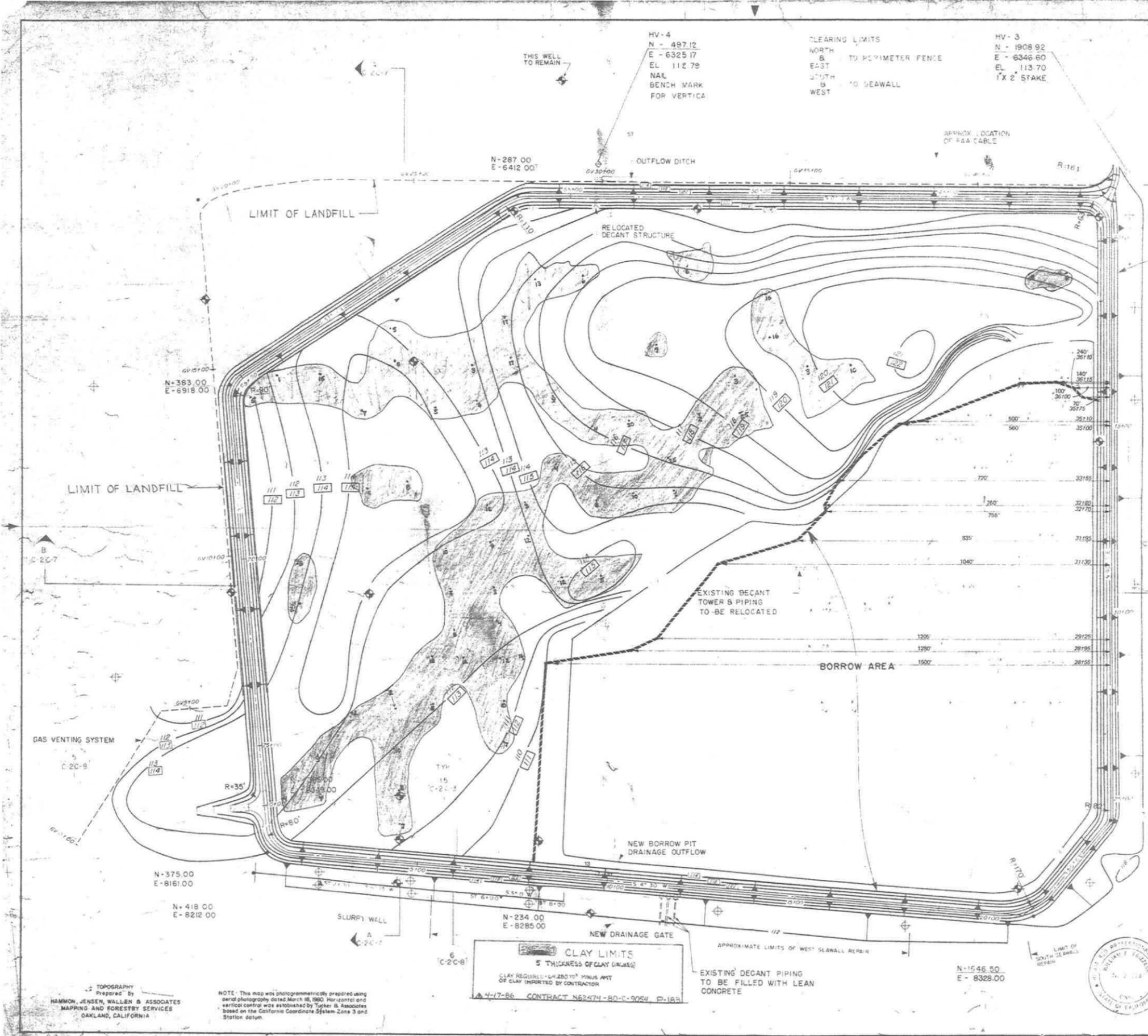
203

243

ROICC San Francisco Bay

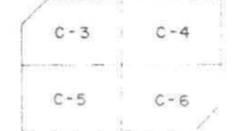
1142E





REVISIONS			
NO.	DESCRIPTION	PREPARED BY	DATE
1	CLAY MATERIAL		

QUADRANT SHEET MAP KEY



N-862.00  
E-6425.00  
N-938.00  
E-6598.00

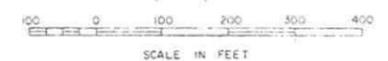
NEW DREDGE SPOILS DIKE  
ELEVATION AT TOP OF DIKE = 126.0 FT.

LEGEND

- C-2-C-3 DETAIL OR SECTION NUMBER SHEET ON WHICH DETAIL OR SECTION IS SHOWN SHEET FROM WHICH DETAIL OR SECTION IS TAKEN
- APPROXIMATE LOCATION OF NEW WATER MONITORING WELLS CONTRACTOR TO GET EXACT LOCATION TO BE VERIFIED BY DICC
- APPROXIMATE LOCATION WATER MONITORING WELLS TO BE REMOVED
- GAS VENTING SYSTEM STATIONING
- LEVELING COURSE CONTOURS (AFTER LEVELING)
- FINISHED GRADE CONTOURS
- EXISTING CONTOURS
- HV-3 SURVEY CONTROL MONUMENTS
- APPROXIMATE BOUNDARY BETWEEN REFUSE AREA AND DREDGE SPOILS AREA
- APPROXIMATE LOCATION OF F&A CHALE MARKERS PROVIDED AT CHANGES IN DIRECTION
- DIKE STATIONING
- SLURRY TRENCH STATIONING - EXACT LOCATION TO BE DETERMINED IN FIELD DURING CONSTRUCTION
- GAS VENTING STATIONING
- OUTFLOW DITCH STATIONING
- EXISTING SPOT ELEVATION

LIST OF ABBREVIATIONS

- C TO C CENTER TO CENTER
- C CENTERLINE
- CMP CORRUGATED METAL PIPE
- EL ELEVATION
- GA GAGE
- R RADIUS
- TYP TYPICAL
- D DIAMETER



IF SHEET IS LESS THAN 28" X 40" IT IS A REDUCED PRINT - SCALE REDUCED ACCORDINGLY

C-2

HARDING LAWSON ASSOCIATES Consulting Engineers and Geologists	DEPARTMENT OF THE NAVY NAVAL FACILITIES ENGINEERING COMMAND WESTERN DIVISION SAN BRUNO, CALIFORNIA
DESIGNED BY SUPERVISOR CHECKED BY DATE	ALAMEDA NAS ALAMEDA, CALIFORNIA P 183 SOLID WASTE DISPOSAL SYSTEM GENERAL PLAN 1985
DATE	SCALE
APPROVED	DATE
SCALE	SHEET

TOPOGRAPHY  
Prepared by  
HAMMON, JENSEN, WALLEN & ASSOCIATES  
MAPPING AND FORESTRY SERVICES  
OAKLAND, CALIFORNIA

NOTE: This map was photogrammetrically prepared using aerial photography dated March 18, 1960. Horizontal and vertical control was established by Tucker & Associates based on the California Coordinate System Zone 3 and Station datum.

CLAY LIMITS  
5' THICKNESS OF CLAY (MINIMUM)  
CLAY REQUIRED - 64,280 YD<sup>3</sup> MINUS AMT OF CLAY IMPORTED BY CONTRACTOR  
4-17-86 CONTRACT N62474-80-C-905H P-183

EXISTING DECANT PIPING TO BE FILLED WITH LEAN CONCRETE