EAST BAY
MUNICIPAL UTILITY DISTRICT

MICHAEL J. WALLIS
DIRECTOR OF WASTEWATER

NOTICE OF INTENT TO ADOPT A MITIGATED NEGATIVE DECLARATION FOR THE PUMP STATION C AND STORAGE BASIN PROJECT

The East Bay Municipal Utility District (EBMUD) is the Lead Agency for the Wet Weather Program. A program EIR has been completed that addressed the environmental and mitigation measures. CEQA requires the limited review of subsequent projects that were described in the program EIR. Attached are the initial study and draft Mitigated Negative Declaration for the Pump Station C and Storage Basin Project in Alameda, California.

The purpose of the proposed project is to eliminate untreated wastewater flows from entering San Francisco Bay. The project is an element of the District's Wet Weather Program and is mandated by the Cease & Desist Order issued by the Regional Water Quality Control Board in March 1987 and updated in August 1992.

The project includes construction of a 1-million gallon storage basin, pump station, odor control facilities, replacement of existing playing fields and irrigation system, and replacement of the existing 8.2 mgd pump station at the project site. Replacement of the pump station is exempt from the provisions of CEQA and a Notice of Exemption has been completed. Construction of the Storage Basin will include the excavation and removal from the site of an estimated 4,000 cubic yards of soil with lead contamination and the withdrawal and treatment of 600,000 gallons of groundwater with lead contamination. To mitigate any adverse effects to public health and the environment, the construction documents will include field practices published by the National Institute for Occupational Health and Safety, immediate off-haul of contaminated soil, and treatment of the groundwater before disposal to San Francisco Bay.

Comments on the draft Negative Declaration must be received by EBMUD by 5:00 p.m. Wednesday, November 9, 1994. Please address comments to the attention of Dean DiGiovanni, Project Manager, EBMUD, P. O. 24055, Oakland, CA 94623-1055. The Board will consider approval of the Negative Declaration and the proposed project at its regularly scheduled meeting on December 13, 1994 in the EBMUD Board Room, 375 Eleventh Street, Oakland, CA.

Sincerely,

Dated: 10/6/94

By: Michael J. Wallis

Michael J. Wallis
Director of Wastewater

MJW:DAD:la
PM4.110_074

P.O. BOX 24055 . OAKLAND . CA 94623-1055 . (510) 287-1405

EBMUD

DRAFT Mitigated Negative Declaration

Procedure 2.10

A. PROJECT INFORMATION

1. Title: Pump Station C and Storage Basin Project

2. Location: The City of Alameda in Alameda County

3. Description: This project is an element of the Wet Weather Program for which a program EIR has already been completed addressing the environmental effects except those referenced herein. This Declaration is made pursuant to the tiering process described in Section 15168 of the CEQA. As part of the Wet Weather Program this project is mandated by the Cease and Desist Order issued by the Regional Water Quality Control Board to eliminate untreated wastewater flows from entering San Francisco Bay. The project includes construction of a 1 million gallon storage basin, odor control facilities, replacement of existing ball fields and irrigation system, and replacement of the existing 8.2 million gallon per day pump station and 16-in. discharge force main at the same site in the park. Pursuant to Section 15302(c) of CEQA, replacement of the pump station and pipeline is exempt from the provisions of CEQA. A Notice of Exemption has been filed for this exemption.

B. RECOMMENDATION

An Initial Study (copy attached) was prepared by East Bay Municipal Utility District (Department) on September 30, 1994

1. Recommended finding:

The project will not have a significant effect on the environment

2. Reasons to support finding: The program EIR, for which this project is an element, identified the potential impacts of this project except the potential impact identified herein. The Program EIR states that the District will perform geotechnical reports to reduce long-term project impacts by recommending design criteria to minimize soil settling, liquefaction, or movement during seismic events. As part of the geotechnical investigation environmental analyses were performed, which identified lead contamination in the top 8 ft. of soil and in the groundwater at the project site. During construction an estimated 4,000 cubic yards of contaminated soil and 600,000 gallons of contaminated groundwater will be removed from the site. To reduce the short-term impact and to ensure worker and public safety during removal of the soil best available management practices for excavation, offhaul, and disposal of the soil, will be included in the construction specifications. The practices will include standards presented in the Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities prepared by National Institute for Occupational Safety and Health (NIOSH) including the following measures to control employee and public exposure during the site mitigation:

(next page)

C. APPROVAL

1. Chief Engineer or Manager of Wastewater recommends approval of Initial Study findings.

Michael Gerber 10/6/94

Chief Engineer/Director of Wastewater — Date

2. Approved by

General Manager — Date

PUBLIC NOTICE

- The Board of Directors of the East Bay Municipal Utility District is expected to act on the project at its regularly scheduled meeting on ..... at ..... p.m. in the Board Room, 375 11th Street, Oakland CA.
- All persons who wish to appeal the determination that the project will not have a substantial adverse impact on the environment should appear at the meeting indicated above.
- Written comments may be addressed to the Board of Directors, EBMUD, P.O. Box 24055, 375 11th Street, Oakland CA 94623-4240. Such comments must be received prior to the above meeting.

I hereby certify that a copy of this Negative Declaration was posted in the kiosk in the lobby of the EBMUD Administration Center on the dates indicated below.

Date .....

..... through .....

Secretary of the District

3033 • 8/91

FINAL DISTRIBUTION: Original to Records Management. Copy to initiating unit

- The development of a work plan and site safety plan, including worker training and a medical program.
- The conducting of an air monitoring program, if warranted.
- The establishment of a site security program including an internal and external communications network.
- Providing dust control by utilizing sprayers to eliminate air borne contaminants from leaving the site.
- Decontaminating all equipment, trucks and employees before leaving the site.
- Disposing of materials at licensed waste disposal facilities.

The groundwater withdrawn from the excavation area will be stored in tanks and treated prior to discharge into EBMUD's interceptor for further treatment at the Main Wastewater Treatment Plant in Oakland.

The construction specifications will include these mitigation requirements for groundwater disposal under Section 02140, Dewatering, and for soil removal under Section 02205, Excavation. Full time District inspection and engineering staff will be at the site during construction to enforce these specification requirements.

A California Department of Fish & Game Certificate of Fee Exemption that claims a De Minimis Impact Finding, will be filed following certification of the Mitigated Negative Declaration.

East Bay
Municipal Utility District

EBMUD

Mitigated Negative Declaration

Pump Station C and Storage Basin Project

TABLE OF CONTENTS

MITIGATED NEGATIVE DECLARATION
PUMP STATION C and STORAGE BASIN PROJECT

INTRODUCTION

Project Description

The Pump Station C and Storage Basin project is an element of the East Bay Municipal Utility District's Wet Weather Program and was included in the program Environmental Impact Report (EIR) that was circulated for public review and certified in 1986. The project is located in Krusi Park, Alameda at the site of the District's existing wastewater Pump Station C and includes a 1 million gallon buried storage basin, a new 8.2 million gallons per day sewage pumping station and discharge force main, and the replacement of the ball fields in the park.

Project Changes Since Certification of EIR

The project deviates from the program EIR by the addition of the new pump station and force main which will replace the existing Pump Station C facilities and by the discovery of new information regarding soils and groundwater at the storage basin site. The replacement of the existing pump station and force main is discussed in the following section and is categorically exempt from the provisions of CEQA. The new soils and groundwater information and the associated short and long-term impacts and mitigation measures are the subject of this mitigated negative declaration.

Pump Station and Force Main Replacement

Originally, the pump station was to be modified to allow wet weather sewage overflows to be transported to and from the adjacent storage basin. However, during preliminary design it was found to be more cost effective to replace the 52-year old deteriorated station and the discharge force main than to modify and rehabilitate them. The new pump station will include underground facilities for pumping and odor control and 1,200 ft^2 of ground level structures for electrical equipment, access to underground structures, an employee bathroom and the emergency engine generator. The replacement of the force main will include 450 ft. of 21-in pipe on the same alignment through the park. The new facilities will have similar capacities to the existing facilities and will meet current design standards. In addition, coordinating the replacement of these facilities with the construction of the storage basin will avoid future disruptions to the park and the community.

Pursuant to Section 21084 of the **Public Resources Code** and Section 15302(c) of the **1994 California Environmental Quality Act, Guidelines for CEQA,** replacement of existing facilities on the same site involving negligible or no expansion of capacity is exempt from the provisions of CEQA. Replacement of the pump station and force main meets the criteria for this CEQA exemption. A Notice of Exemption will be filed for this portion of the project and it will not be addressed further in this mitigated negative declaration.

Storage Basin

The project to construct a 1 million gallon storage basin under the ball fields in Krusi Park, Alameda to store wet weather sewage was reviewed in the 1986 program EIR. As a short-term mitigation measure for impacts to Land Use during construction, the EIR required replacement of the existing ball fields. During preliminary design, new information about the existing environmental conditions at the site were found and prompted a review of the environmental elements for the project in the program EIR.

Section 21157.1 of the **Public Resources Code** allows the limited review of a subsequent project that was described in a program EIR and requires the preparation of a mitigated negative declaration when additional mitigation measures are required which were not a part of the program EIR. In this case, during the project-level geotechnical and environmental investigation of the soil and groundwater for proper design it was discovered that lead in the soil and groundwater may have potential adverse effects to Water and Human Health unless mitigated. Pursuant to Sections 21157.1 and 21157.5, a mitigated negative declaration has been prepared to review this new information and the short and long-term impacts and mitigation measures during construction.

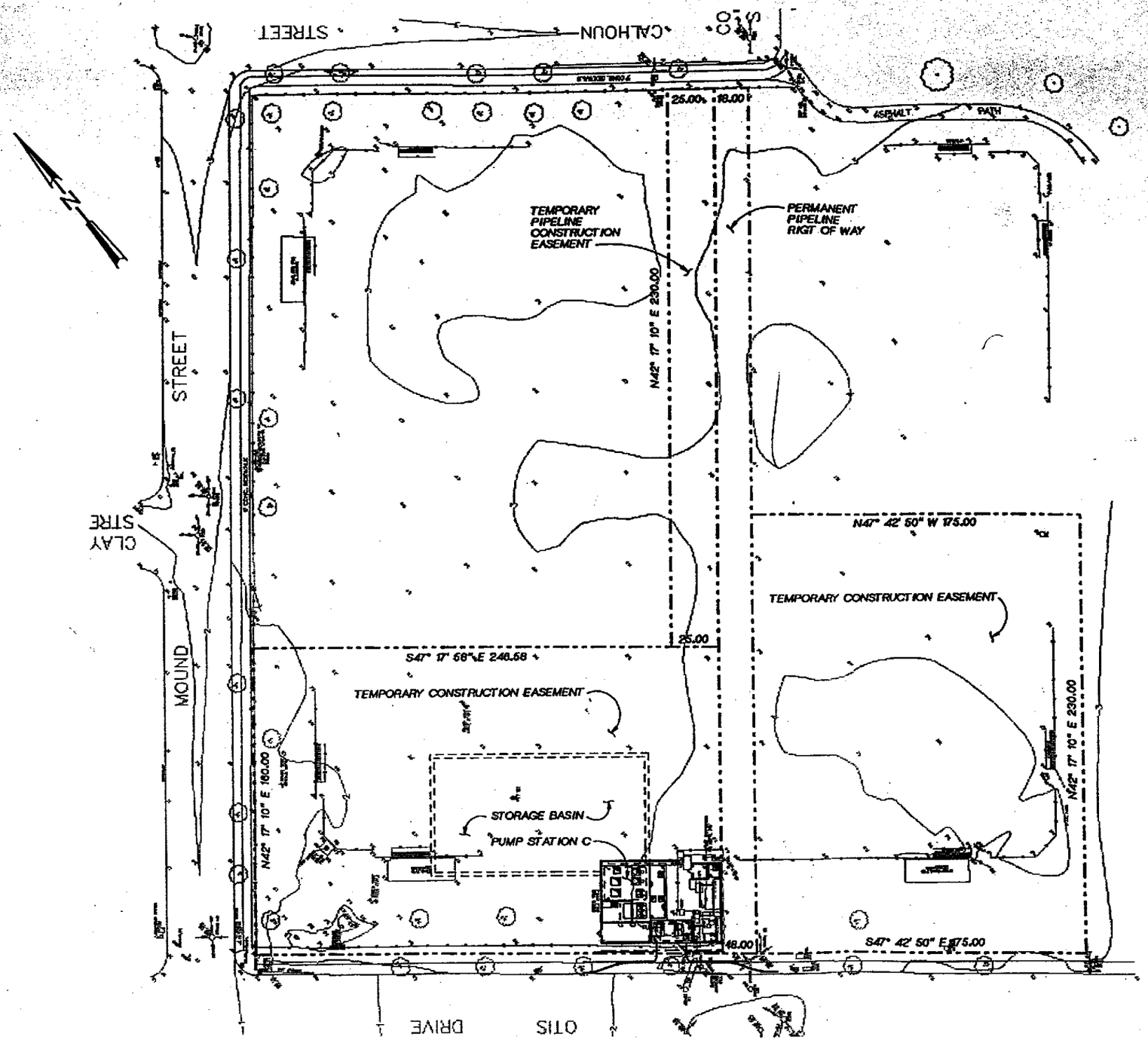
Short Term Impacts

The lead contamination in the soil and groundwater can have significant short-term impacts during construction which require mitigation measures. The following section discusses the short-term environmental impacts and mitigation measures for Water and Human Health.

Long-Term Impacts

Lead contamination leaching from the soil into the pervious backfill material around the storage basin can have significant long-term impacts to groundwater unless mitigated. The following section discusses the long-term environmental impacts and mitigation measures on Water from the potential cross contamination of groundwater from contaminated soil.

PROJECT LOCATION MAP



PLAN
1"=30'-0"

COMPOSITE
OVERLAY SCREEN
OVERLAY IDENTIFICATION
PROJID
FILE

BAR IS ONE INCH ON ORIGINAL DRAWING
0 1"
IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

NO.	DATE	REVISION	BY	REC.	APP.

PUMP STATION C
AND
STORAGE BASIN

DESIGNED BY	M. IVERSON
DESIGN CHECKED BY	R. REILAND
DRAWN BY	A. CORTEZ
DR./ROLL SHOR.	R. REILAND
APPROVED	M. IVERSON
PRINCIPAL-IN CHARGE, R.P.E. No. OR DATE	

PROJECT MGR. R.P.E. No. C-[illegible] D. DIGIOVANNI
PROJECT SUPERVISOR R.P.E. No. C-[illegible] J. PARKER

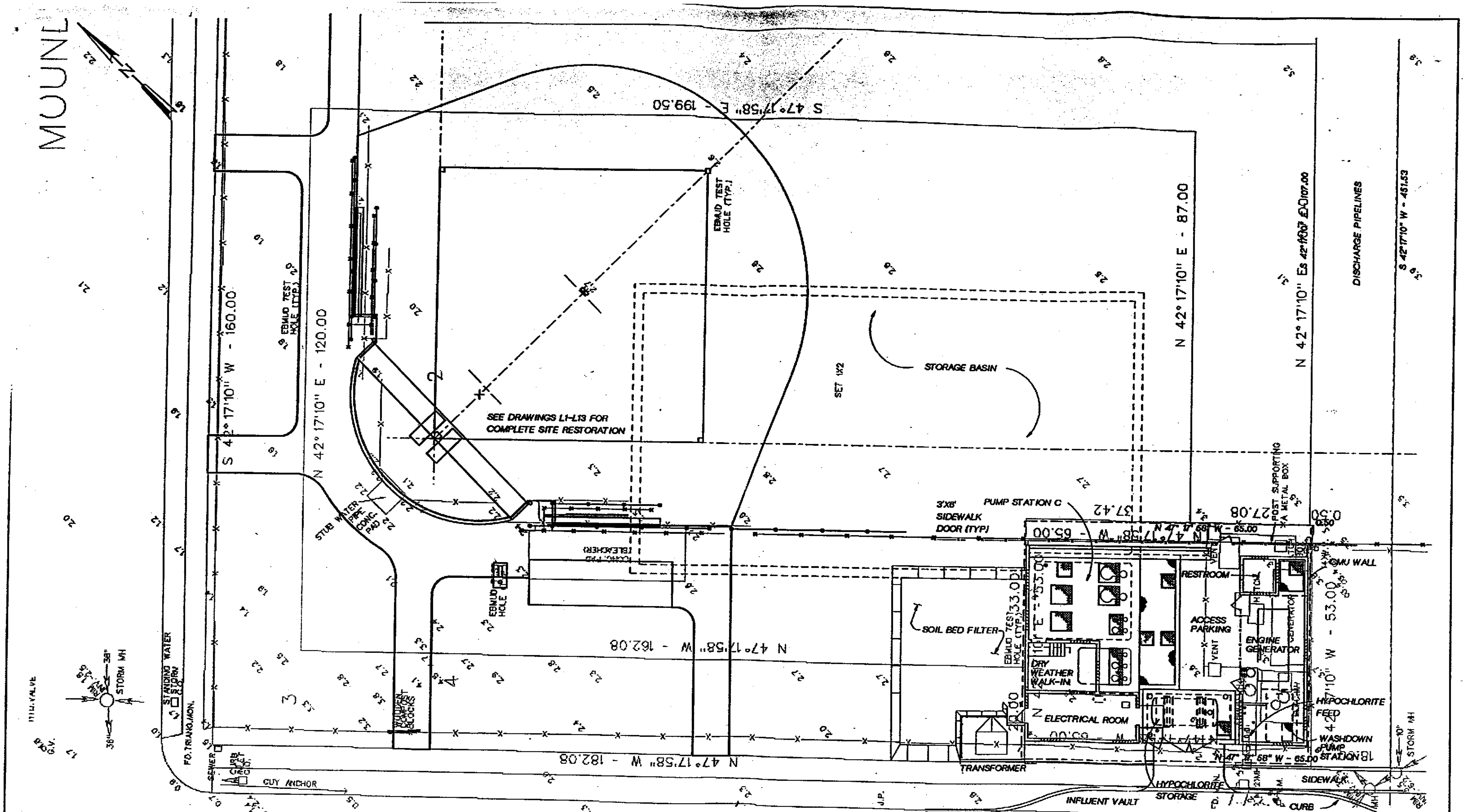
EBMUD

EAST BAY MUNICIPAL UTILITY DISTRICT
SPECIAL DISTRICT NO. 1
OAKLAND, CALIFORNIA

CIVIL

TEMPORARY CONSTRUCTION EASEMENTS

DRAWN BY	A. CORTEZ
SCALE	AS NOTED
DATE	OCTOBER 1994
DRAWING NO.	SD207-C-5
SHEET	OF



PLAN

1" = 10'-0"

NOTE: BACKGROUNDS ELEVATION SHOWN ON THIS DRAWING BASED ON CITY OF ALAMEDA DATUM. ELEVATIONS ON ALL OTHER DRAWINGS BASED ON CITY OF ALAMEDA DATUM PLUS 100.00 FT.

CH2M HILL

REUSE OF DOCUMENTS

VERIFY SCALES

BAR IS ONE INCH ON ORIGINAL DRAWING

IF NOT ONE INCH ON THIS SHEET, ADJUST SCALES ACCORDINGLY.

NO.	DATE	REVISION	BY	REC.	APP.

PUMP STATION C AND STORAGE BASIN

DESIGNED BY R. REILAND
DESIGN CHECKED BY M. BAILEY
DRAWN BY A. CORTEZ
SR.PROJ. ENGR. D. HAECKER
APPROVED M. IVERSON

PROJECT MGR. D. DIGIOVANNI
PROJECT SUPERVISOR J. PARKER

EAST BAY MUNICIPAL UTILITY DISTRICT
SPECIAL DISTRICT NO. 1
OAKLAND, CALIFORNIA

CIVIL

OVERALL SITE PLAN

DRAWN BY A. CORTEZ
SCALE AS NOTED
DATE JULY 1994

DRAWING NO. SD207-C-2

SHEET OF

ENVIRONMENTAL IMPACTS AND MITIGATION MEASURES

The following text discusses the significant short and long-term adverse impacts of the soil and groundwater contamination on Water and Human Health and the proposed mitigation measures. Refer to the Initial Study Checklist (Appendix A) and the Initial Study Source List (Appendix B) for additional information.

Water

Short-term Impacts

Initial Study Sources 3, 4 and 6 which are listed in Appendix B provide additional information on the groundwater quality and the design and construction methods required to mitigate groundwater impacts.

The storage basin will be 116 ft. long by 64 ft. wide by 27 ft. deep and constructed of concrete. The groundwater table at the site begins at 3 ft. below ground surface (bgs), extending through the Merritt Sand layer to 40 ft. bgs, and is influenced by tidal fluctuations from the close proximity to San Francisco Bay. To excavate for the storage basin, a temporary steel sheet pile wall will be installed around the perimeter of the basin area and will penetrate through the Merritt Sand into the Older Bay Mud to cut-off groundwater flows into the excavation. The wall will intercept groundwater flows; however, the limits of the sand layer are indefinite and the project will not alter the rate of flow of groundwater.

Following installation of the cut-off wall, dewatering wells will be installed for safe excavation. Withdrawal of 600,000 gallons of groundwater from the aquifer over a 10-month period is required for the dewatering operation. To determine groundwater disposal methods, an analysis of the groundwater from the storage basin area was conducted. The analysis identified contaminant concentrations that exceed concentration limits set for San Francisco Bay by the "Water Quality Control Plan, San Francisco Bay Basin Region (2)."

Short-term Mitigation

The groundwater from the dewatering operations will be disposed into the sewer system that flows to the District's Main Wastewater Treatment Plant. Prior to discharge into the sewer system the water will be stored in appropriate tanks. Each batch will be sampled for comparison with the average treatment plant influent quality, and treated with best available technology if contaminants exceed influent concentrations. A discharge waste permit will be obtained from EBMUD's Source Control Division.

Long-term Impacts

The void space between the outside of the storage basin walls and the sides of the excavation will be backfilled with sand. The sand backfill will interface with the clay fill and the Younger Bay Mud from 0 to 15 ft. bgs and the Merritt Sand from 15 to 30 ft. Soil analyses of the clay fill from 0 to 8 ft. indicated the presence of lead. There is concern that the sand backfill may act as a conduit for lead contaminated groundwater to flow from the upper fill to the Merritt Sand layer that connects to the Bay.

Long-term Mitigation

To impede the potential of cross contamination, a ring of impermeable material will be placed around the basin at depth intervals commensurate to the Younger Bay Mud that lies below the artificial fill. This measure will ensure that potential long-term effects associated with groundwater are reduced to a level of insignificance.

Human Health

Initial Study Source 4 that is listed in Appendix B presents the environmental soil conditions at the project site, the potential effects and mitigation measures for Human Health.

Short-term Impacts

Soil investigations in Krusi Park have revealed the presence of lead in the top 8 ft of fill at the project site. An estimated 4,000 cubic yards of contaminated soil will be removed from the site during construction. The handling and disposal of this large volume of soil has potentially significant adverse impacts to human health.

Short-term Mitigation

To protect the public, construction workers and the environment and to mitigate the potential effects to less than significant, the following measures will be specified for construction:

- a work safety plan that complies with **Occupational Safety and Health Guidance Manual for Hazardous Waste Site Activities**, published by the National Institute for Occupational Safety and Health (NIOSH);

- dust control that utilizes sprayers to limit air-borne particles from leaving the site and air monitoring to ensure that particulate levels do not exceed levels established by NIOSH;

- excavated artificial fill and bay mud material will be offhauled the same day it is excavated to appropriate certified landfills. Offhaul will include proper characterization of contaminants in the soil and prevention of the soil from escaping the site or the transport vehicle.

  These controls will ensure that potential short-term effects that may effect the public, construction workers and the environment are minimized and are reduced to a level of insignificance.

INITIAL STUDY

CHECKLIST FORMAT

The Initial Study reviews the effects of the Pump Station C and Storage Basin project on the environment by referencing the Wet Weather Program EIR that included this project and that was certified in 1986. Pursuant to program EIR guidelines, earlier analyses that have adequately addressed an effect may be used and incorporated into the Initial Study Checklist (Appendix A) by reference to the information sources. The Initial Study Source List in Appendix B provides the information sources that are referenced in the Initial Study Checklist and are available for review at District Administrative Offices, 375 Eleventh Street, Oakland, California.

The following is a sample question that references the Initial Study Source List and explanation of the answer:

Issues (and Supporting Information Sources)	*Yes*	*Maybe*	*No*
Would the proposal result in potential impacts involving:			
Landslides or mudslides? (1, p. 10; 6)			*X*
(The impact is addressed in source 1 on page 6 and in source 6. The attached source list explains that 1 is the general plan and 6 is a USGS topo map. This answer would probably not need further explanation).			

New information about Water and Human Health that may have potential significant effects and were not addressed in the program EIR are discussed separately in the following section, Environmental Effects, Impacts and Mitigation Measures. The Initial Study Checklist is completed for only the storage basin and ball field replacement. The pump station and force main replacements are granted categorical exemptions as previously discussed in the Introduction and a Notice of Exemption will be filed.

APPENDIX A

PUMP STATION C AND STORAGE BASIN PROJECT

INITIAL STUDY CHECKLIST FORM

Environmental Impacts	Yes	Maybe	No
1. Earth. Will proposal result in:			
a. Unstable earth conditions or in changes in geological substructures? (1, p. 5-2; 6, p. 6)			X
b. Disruptions, displacements, compaction or overcovering of soil? (1, p. 5-2)	X		
c. Change in topography or ground surface relief features? (1, p. 5-13)			X
d. Destruction, covering or modification of any unique geologic or physical features? (1, p. 5-2)			X
e. Any increase in wind or water erosion of soils, either on or off site? (1, p. 5-2)		X	
f. Changes in deposition or erosion of beach sands, or changes in siltation, deposition or erosion which may modify the channel of a river or stream or bed of ocean or any bay, inlet, or lake? (1, p. 5-2; 3)			X
g. Exposure of people or property to geologic hazards such as earthquakes, landslides, mud slides, ground failure, or similar hazards? (1, P. 5-2; 6, P.6)		X	

Environmental Impacts	Yes	Maybe	No
Checklist Items 1a, 1b, 1d, 1e, 1f, and 1g. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Soils and Geology. Items 1a and 1g are discussed further in the Geotechnical Technical Memorandum for the project. Checklist Item 1c. The Storage Basin will be underground and the existing turf playing fields will be restored on top of the basins. This item is also discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Land Use.			
2. Air. Will proposal result in:			
a. Substantial air emissions or deterioration of ambient air quality? (1, p. 5-6; 2, p. 7-3; 5, p.9)			X
b. Creation of objectionable odors? (1, p. 5-6; 2, p. 7-3; 5, p. 9)			X
c. Alteration of air movement, moisture, temperature, or any change in climate, either locally or gionally? (1, p. 5-6; 2, p. 7-3; 5, p. 9)			X

Environmental Impacts	Yes	Maybe	No
Checklist Items 2a, 2b, 2c. These items were discussed in the certified Wet Weather Program EIR in chapter 5, Impacts and mitigation, under Air Quality. The Wet Weather Facilities Predesign Report and the 10% Design submittal include the requirements for an odor control system. The project will include provisions for an odor control system with 99% removal efficiency.			
3. Water. Will the proposal result in:			
a. Changes in currents, or the course of direction of water movements, in either marine or fresh waters? (1, p. 5-7)			X
b. Changes in absorption rates, drainage patterns, or in the rate and amount of surface runoff?	X		
c. Alterations to the course or flow of flood waters? (1, p. 5-5)			X
d. Change in the amount of surface water in any water body? (1, p. 5-7)			X
e. Discharge into any surface waters, or in any alterations of surface water quality, including but not limited to temperature, dissolved oxygen or turbidity? (1, p. 5-7)			X
f. Alteration of the direction or rate of flow of groundwater?	X		
g. Change in the quantity of groundwater, either through direct additions or withdrawals, or through interception of an aquifer by cuts or excavations?	X		
h. Substantial reduction in the amount of water otherwise available for public water supplies?			X
i. Exposure of people or property to water-related hazards such as flooding or tidal waves? (1, p. 5-5)			X

Environmental Impacts	Yes	Maybe	No
Checklist Items 3a, 3d, 3e, 3h. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Water Quality. The project will not effect water otherwise available for public water supplies since the area is served by EBMUD which does not use this around water as a water source. Checklist Items 3c, 3i. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Flooding.			
4. Plant Life. Will proposal result in:			
a. Change in diversity of species, or number of any species of plants (including trees, shrubs, grass, crops and aquatic plants)? (1, p. 5-10)			X
b. Reduction of numbers of any unique, rare or endangered species of plants? (1, p. 5-10)			X
c. Introduction of new species of plants into an area, or in a barrier to normal replenishment of existing species? (1, p. 5-10)			X
d. Reduction in acreage of any agricultural crop? (1, p. 5-10)			X
Checklist Items 4.a, 4b, 4c, 4d. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Biology. The project is in a park with turf ballfields and will not affect native plants. A proposed landscaping plan will increase the number of trees in the park.			

Environmental Impacts	Yes	Maybe	No
5. Animal Life. Will the proposal result in:			
a. Change in diversity of species, or number of any species of animals (birds, land animals including reptiles, fish and shellfish, benthic organisms or insects)? (1, p. 5-10)			X
b. Reduction of numbers of any unique, rare or endangered species of animals? (1, p. 5-10)			X
c. Introduction of new species of animals into an area, or in a barrier to migration or movement of animals? (1. p. 5-10)			X
d. Deterioration of existing fish or wildlife habitat? (1, p. 5-10)			X
Checklist Items 5a, 5b, 5c, 5d. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Biology. The project will not reduce the numbers of rare or endangered species or introduce new species to the area. As discussed throughout the Wet Weather Program EIR, the project will benefit fish and shellfish habitat, will eliminate untreated wastewater overflows into San Francisco Bay.			
6. Noise. Will the proposal result in:			
a. Increases in existing noise levels? (1, p. 5-35)			X
b. Exposure of people to severe noise levels? (1, p. 5-35)			X

Environmental Impacts	Yes	Maybe	No
Checklist Items 6a, 6b. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation, under Noise. Short-term noise impacts will be realized during construction, but the project will not have long term noise effects.			
7. **Light and Glare.** Will the proposal produce new light or glare? The storage basin is buried and does not include surface lighting.			X
8. **Land Use.** Will the proposal result in substantial alteration of present or planned land use of an area? (1, p. 5-13)			X
Checklist Item 8. This item was discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation Measures under Land Use.			
9. **Natural Resources.** Will the proposal result in:			
a. Increase in the rate of use of any natural resources?			X
b. Substantial depletion of any nonrenewable natural resources?			X

Environmental Impacts	Yes	Maybe	No
Checklist Items 9a, 9b. The materials used during construction phase would constitute an irretrievable committment of small amounts of plentiful resources (namely cemente, aggregate metals, and wood). Fuel used during construction would constitute commitment of small amounts of a currently adequate nonrenewable resource.			
10. Risk of Upset. Will the proposal involve:			
a. A risk of an explosion or release of hazardous substances (including, but not limited to, oil, pesticides, chemicals or radiation) in the event of an accident or upset conditions?			X
b. Possible interference with an emergency response plan or an emergency evacuation plan?			X
Checklist Items 10a, 10b. Conformance with standard wastewater design practices and with State and legal ordinances concerning health and safety, design, construction and operational requirements would mitigate the risk of fire, explosion and potential risk of areating toxic fumes that would pose a significant threat to life. No unregulated hazardous substances are to be used at the project sites. The proposed project would not adversely affect any emergency plans.			
11. Population. Will the proposed alter the location distribution or growth rate of the human population of an area? (1, p. 5-21).			X

Environmental Impacts	Yes	Maybe	No
Checklist Item 11. This item was discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation measures, under Population.			
12. Housing. Will the proposal affect existing housing or create a demand for additional housing?			X
Checklist Item 12. The project will not affect existing or new housing and is sized in accordance wih future growth projection for the area.			
13. Transportation/Circulation. Will the proposal result in:			
a. Generation of substantial additional vehicular movement? (1, p. 5-27)	X		
b. Effects on existing parking facilities or demand for new parking? (1, p. 5-27)			X
c. Substantial impact upon existing transportation systems? (1, p. 5-27)	X		
d. Alterations to present patterns of circulation or movement of people and/or goods? (1, p. 5-27)	X		
e. Alterations to waterborne, rail or air traffic? (1, p. 5-27)			X
f. Increases in traffic hazards to motor vehicles, bicyclists or pedestrians? (1, p. 5-27)	X		

Environmental Impacts	Yes	Maybe	No
Checklist Items 13a, 13b, 13c, 13d, 13e, 13f. These items were discussed in the certified Wet Weather Programm EIR in Chapter 5, Impacts and Mitigation Measures, under Traffic. During Construction, off-street parking will be provided for construction personnel of the construction staging area in the park. The effects on vehicular movement, transportation systems, circulation and traffic hazards are short-term during construction and will be mitigated to less than significant.			
14. Public Services. Will the proposal have an effect upon, or result in, a need for new or altered governmental services in any of following areas?			
a. Fire protection? (1, p. 5-39)			X
b. Police protection? (1, p. 5-39)			X
c. Schools? (1, p. 5-39)			X
d. Parks or other recreational facilities? (1, p. 5-13)			X
e. Maintenance of public facilities, including roads? (1, p. 5-39)			X
f. Other governmental services? (1, p. 5-39)			X

Environmental Impacts	Yes	Maybe	No
Checklist Items 14a, 14b, 14c, 14d, 14e, 14f. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation Measures, under Public Health and Safety. Item 5d is discussed further in the EIR, Chapter 5, Land Use. The project will have short term impacts to Krusi Park during construction which will result in closure of 3/4 of the ball field area. Closure of the fields will be mitigated by relocating recreation leagues to other parks in Alameda and by replacing the ball fields at the end of construction.			
15. Energy. Will the proposal result in:			
a. Use of substantial amounts of fuel or energy? (1, p. 5-36)			X
b. Substantial increase in demand upon existing sources of energy or require development of new sources of energy? (1, p. 5-36)			X
Checklist Items 15a, 15b. These items were discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation Measures, under Energy.			
16. Utilities. Will the proposal result in a need for new system or substantial alterations to the following utilities?			
a. Power or natural gas? (1, p. 5-36)			X
b. Communications systems? (1, p. 5-36)			X

Environmental Impacts	Yes	Maybe	No
c. Water? (1, p. 5-36)			X
d. Sewer or septic tanks? (1, p. 5-36)			X
e. Storm water drainage? (1, p. 5-36)			X
f. Solid waste and disposal? (1, p. 5-36)			X
Checklist Items 16a - 16f. These items were discussed in the Certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation Measures, under Utilities. The storage basin project will not require substantial alterations of existing utilities or require new utility systems.			
17. **Human Health**. Will the proposal result in:			
a. Creation of any health hazard or potential health hazard (excluding mental health)?		X	
b. Exposure of people to potential health hazards?		X	
18. **Aesthetics**. Will the proposal result in obstruction of any scenic vista or view open to public or will the proposal result in creation of an aesthetically offensive site open to public view?			X
Checklist Item 18. The storage basin will be buried below the existing ground elevation and will not obstruct the public's view.			

Environmental Impacts	Yes	Maybe	No
19. Recreation. Will the proposal result in an impact upon the quality or quantity of existing recreational opportunities? (1, p. 5-13, p. 5-16)			X
Checklist Item 19. Recreation was discussed in the certified Wet Weather Program EIR in Chapter 5, Impacts and Mitigation Measures, under Land Use and Waterfron Recreation. The Project will have short-term impacts during construction to the recreational playing fields in Krusi Park. The ball fields will be restored at the end of construction. The project benefits waterfront recreation by eliminating untreated sewage overflows from San Francisco Bay.			
20. Cultural Resources.			
a. Will the proposal result in alteration of or destruction of a prehistoric or historic archaeological site? (1, p. 5-37)			X
b. Will the proposal result in adverse physical or aesthetic effects to a prehistoric or historic building, structure, or object? (1, p. 5-37)			X
c. Does the proposal have potential to cause a physical change which would affect unique ethnic cultural values? (1, p. 5-37)			X
d. Will the proposal restrict existing religious or sacred uses within the potential impact area? (1, p. 5-37)			X

Environmental Impacts	Yes	Maybe	No
Checklist Items 20a - 20d. The items were discussed in the Certifeid Wet Weather Program EIR in Chapter 5, Impacts and Mitigation Measures, Under Cultural Resources.			

MANDATORY FINDINGS OF SIGNIFICANCE

A. The mitigation measures incorporated into the Initial and the Wet Weather Program EIR Study to reduce or minimize construction related impacts associated with construction of the storage basin will ensure that the project will not degrade the quality of the environment, affect water quality, substantially reduce the plant or animal community or reduce or restrict the range of a rare or endangered plant or animal species.

B. The mitigation measures incorporated into the Initial Study and the Wet Weather Program EIR to reduce or minimize construction related impacts with construction of the storage basin will ensure that the project would not achieve short-term to the disadvantage of long-term environmental goals.

C. The mitigation measures incorporated into the Initial Study and the Wet Weather Program EIR to reduce or minimize construction related impacts with construction of the storage basin will ensure that the project will not have impacts that are individually limited but cumulatively significant.

D. The mitigation measures incorporated into the Initial Study and the Wet Weather Program EIR to reduce or minimize construction related impacts with construction of the storage basin will ensure that the project will not have environmental effects that would cause substantial adverse effects on human beings, either directly or indirectly.

DETERMINATION

On the basis of this initial evaluation, I find that although the proposed Project could have a significant effect on the environment, there will not be a significant effect in this case because the mitigation measures described herein have been added to the Project.

A Negative Declaration will be prepared.

Date 10/6/94 Signature Michael J Wallis

Michael J Wallis
Director of Wastewater

East Bay Municipal
Utility District

APPENDIX B

PUMP STATION C AND STORAGE BASIN PROJECT

INITIAL STUDY SOURCES

1. **Wet Weather Facilities Draft Environmental Impact Report**, East Bay Municipal Utility District, July 1986.

2. **Wet Weather Facilities Predesign Report**, East Bay Municipal Utility District, September 23, 1986.

3. **Topographical Map**, United States Department of Interior, Geological Survey.

4. **Soil and Groundwater Investigation, Pump Station C and Storage Basin Project (Krusi Park, Alameda)**, East Bay Municipal Utility District, August 19, 1994.

5. **10% Design Submittal for Pump Station C and Storage Basin Project**, East Bay Municipal Utility District, April 1994.

6. **Geotechnical Technical Memorandum, EBMUD Pump Station C Storage Basin**; Geotechnical Consultants, Inc.; March 14, 1994.