

Complete

137

FEDERAL EMERGENCY MANAGEMENT AGENCY
PROJECT WORKSHEET REVIEW
DR-1952-CA

Taskforce # 3

New PW Ref # EVWD-5F (limit of 7 characters including spaces) or Version # X

Applicant _____ FIPS # 071-0014E-00

AFO Review: _____

PAC/PO SMITH / RAY Date submitted initial review _____ Date forwarded to JFO _____

Date forwarded to SPAC for review _____ Date review returned from SPAC _____

PAC INITIALS

GENERAL DESCRIPTION:		
CATEGORY <input checked="" type="checkbox"/>	FACILITY LOCATION <input checked="" type="checkbox"/>	% WORK COMPLETED LAT. & LONG. <input checked="" type="checkbox"/>
APPLICANT <input checked="" type="checkbox"/>		

DAMAGE DESCRIPTION:				
WHERE <input checked="" type="checkbox"/>	WHEN <input checked="" type="checkbox"/>	WHAT [COMPLETE, 3-D] <input checked="" type="checkbox"/>	WHY {WHAT CAUSED DAMAGE} <input checked="" type="checkbox"/>	IMPACT <input checked="" type="checkbox"/>
WHAT WORK IS COMPLETED <input checked="" type="checkbox"/>	SITE PLAN & PHOTO ALIGNMENT <input checked="" type="checkbox"/>	PRIOR DAMAGE <input checked="" type="checkbox"/>		

SCOPE OF WORK:	
ALL DAMAGED ELEMENTS CONSIDERED BASIS FOR PROJECTED COST - NOTED <input checked="" type="checkbox"/>	WORK COMPLETED - NOTED <input checked="" type="checkbox"/>
CONSTRUCTION METHOD EXPLAINED <input checked="" type="checkbox"/>	WORK TO BE COMPLETED - NOTED <input checked="" type="checkbox"/>

MITIGATION: ATTACHED <input checked="" type="checkbox"/>	NOT FEASIBLE <input type="checkbox"/>	(If not feasible state why in scope of work)
MITIGATION IS PART OF: <input type="checkbox"/>	CODES & STANDARDS <input type="checkbox"/>	GOOD CONSTRUCTION PRACTICES <input type="checkbox"/>
MITIGATION POLICY 15% <input type="checkbox"/>	OR <input type="checkbox"/>	LIST OR B/C (Attached b/c analysis) <input type="checkbox"/>
COMMENTS		

FLOODPLAIN MANAGEMENT [EO 11988] WETLANDS		
Project is in floodplain <input type="checkbox"/>	FIRM identified <input checked="" type="checkbox"/>	8 Step process attached [>\$5,000] <input type="checkbox"/>
Additional action required <u>NOT MAPPED</u>		
COMMENTS:		
Project is compliant, Approved by: _____		Date: _____

HISTORIC:		
Changed pre-disaster condition? <input checked="" type="checkbox"/>	Historic over 50 Years old? <input checked="" type="checkbox"/>	
Is it listed on State or Federal Registers? <input checked="" type="checkbox"/>	Is it located in a Historical District? <input checked="" type="checkbox"/>	
COMMENTS:		
Project is compliant, Approved by: _____		Date: _____

NEPA:		
Statutorily excluded <input type="checkbox"/>	Changed pre-disaster condition <input checked="" type="checkbox"/>	Historic over 50 Years old <input checked="" type="checkbox"/>
What permits are expected and from which regulatory NEPA / Other Agencies? _____		
COMMENTS:		
Project is compliant, Approved by: _____		Date: _____

INSURANCE:		
No insurance notation made <input checked="" type="checkbox"/>	None Required <input checked="" type="checkbox"/>	Insurance adjustment made <input type="checkbox"/>
	Additional Actions Required _____	Insurance required [obtain & maintain] <input type="checkbox"/>
COMMENTS:		
Project is compliant, Approved by: _____		Date: _____

Task Force Leader REVIEW:		
CalEMA TFL: _____	<u>P. Case</u> <u>4.28.11</u>	Date: _____
FEMA TFL: _____	<u>RAH</u> <u>5/2/11</u>	Date: _____
Comments: _____		

ATTACHMENTS:					
<input checked="" type="checkbox"/> PW	<input checked="" type="checkbox"/> 19-Q's	<input checked="" type="checkbox"/> SITE PLAN	<input type="checkbox"/> 8-STEP	<input checked="" type="checkbox"/> NARRATIVE	<input checked="" type="checkbox"/> GENERAL COMMENTS
<input checked="" type="checkbox"/> PHOTOS # <u>4</u>	<input checked="" type="checkbox"/> ATTACHMENTS # <u>4</u>	TOTAL SHTS <u>10 + COVER</u>			
<input checked="" type="checkbox"/> COST SPREAD SHEET <input checked="" type="checkbox"/> MAPS					

U.S. DEPARTMENT OF HOMELAND SECURITY
 FEDERAL EMERGENCY MANAGEMENT AGENCY

PROJECT WORKSHEET

PAPERWORK BURDEN DISCLOSURE NOTICE

Public reporting burden for this form is estimated to average 90 minutes per response. Burden means the time, effort and financial resources expended by persons to generate, maintain, disclose, or to provide information to us. You may send comments regarding the burden estimate or any aspect of the collection, including suggestions for reducing the burden to: Information Collections Management, U.S. Department of Homeland Security, Federal Emergency Management Agency, 500 C Street, SW, Washington, DC 20472, Paperwork Reduction Project (OMB Control Number 1660-0017). You are not required to respond to this collection of information unless a valid OMB number appears in the upper right corner of this form. NOTE: Do not send your completed questionnaire to this address.

DECLARATION NO.		PW REF NO.	DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA 1952 DR CA		EVWD-5F	04/13/11	071-0014E-00	F	
APPLICANT					WORK COMPLETED AS OF:	
East Valley Water District					DATE:	PERCENT:
					04/13/11	100%
DAMAGED FACILITY					COUNTY	
Asphalt Paving/ Berm and Drain Collection Box					San Bernardino	
LOCATION					LATITUDE	LONGITUDE
Plant 137					34.13465	-117.17619

Was this site previously damaged? Yes No Unsure

DAMAGE DESCRIPTION AND DIMENSIONS:

THIS PW IS WRITTEN TO ADDRESS ITEM # 5 OF THE EAST VALLEY WATER DISTRICT LIST OF PROJECTS, EXCEPT THERE IS NO DEBRIS FOR THIS SITE, ONLY CATEGORY F
 The event caused high water run-off resulting in mud and debris flows across the North-East corner of Plant 137. Plant 137 is an approx. 1/3 acre chain link fenced hillside property. Plant 137 contains a 500,000 gallon water storage tank servicing the City of Highland. Water and debris flows across the plant site undercut 95 LF of the asphalt paving X an average of 6 foot width, and washed out a 95 foot long 8 inch high X 8 inch wide asphalt curb. Also, undercut and washed out was a 2 ft.cube concrete catch basin(with metal grate). The catch basin caught water directed by the asphalt curbs and discharged onto a steep embankment on the North side of the property. See attached photo page for additional description.

SCOPE OF WORK:

Fund at 75%

WORK COMPLETED

Applicant selected a contractor, using the bid process, who replaced the approx. 95 ft.X 6 ft(approx 578 SF) damaged asphalt paving along the North chain link fence, including 95 feet of 8 inch X 8 inch asphalt curb, and the 2 ft. cube concrete catch basin with metal grate. Work completed as indicated on the attached contractors invoice.

HMP ATTACHED TO THIS PW.

PROJECT COST

ITEM	CODE	NARRATIVE	QUANTITY	UNIT	UNIT PRICE	COST
		WORK COMPLETED				\$ -
1	9001	Contract	1	LS	\$ 9,781.00	\$ 9,781.00
						\$ -
						\$ -
						\$ -
						\$ -
2	9901	Direct Administration Cost	1.00	LS	\$ 334.14	\$ 334.14
						\$ -
						\$ -
						\$ -
SUBTOTAL FROM COST CONTINUATION PAGE(S)						\$ -
TOTAL PROJECT COST						\$ 10,115.14

PREPARED BY: Robert Ray <i>Robert Ray 4/29/11</i>	TITLE: Project Specialist
FEMA PAC CREW LEADER: Tim Smith <i>Tim Smith</i>	STATE PAC CREW LEADER: Dave Rogers
APPLICANT: Gary Sturdivan <i>Gary Sturdivan</i>	DATE: 5/3/11
	PHONE: 909-806-4087

FEDERAL EMERGENCY MANAGEMENT AGENCY

SCOPE NOTES

APPLICANT	PW REF NO.	CATEGORY	FIPS NO.	DISASTER	
East Valley Water District	EVWD-5F	F	071-0014E-00	1952	CA

Check next to appropriate comment for Data Specialist to add to the Scope of Work

Topic	Comment
Record Retention	Complete records and cost documents for all approved work must be maintained for at least 3 years from the date the last project was completed or from the date final payment was received, whichever is later.
Direct Administrative Costs	<input checked="" type="checkbox"/> The subgrantee is requesting direct administrative costs that are directly chargeable to this specific project. Associated eligible work is related to administration of the PA project only and in accordance with 44 CFR 13.22. These costs are treated consistently and uniformly as direct costs in all federal awards and other subgrantee activities and are not included in any approved indirect cost rates.
Mitigation	No Mitigation Opportunities Identified because: <input type="checkbox"/> PW is for Emergency Work - Mitigation not eligible. <input type="checkbox"/> Work already completed and no add-on mitigation is feasible. <input type="checkbox"/> Mitigation not technically feasible. <input type="checkbox"/> Applicant has decided not to incorporate mitigation.
CEF	<input type="checkbox"/> This project was estimated using the Cost Estimated Format (CEF).
CEF - Not Used	This project was not estimated using the CEF because: <input checked="" type="checkbox"/> The PW is a small project. <input type="checkbox"/> The PW is for Emergency Work. <input type="checkbox"/> The work is greater than 90% complete at the time of inspection.
Hazard Mitigation Proposal	<input checked="" type="checkbox"/> HMP is attached as requested by Applicant
	<input type="checkbox"/>

PREPARED BY: Robert Ray TITLE: Project Specialist

SPECIAL CONSIDERATIONS

DISASTER		APPLICANT NAME	PW REF NO.	FIPS NO.	DATE
1952	CA	East Valley Water District	EVWD-5F	071-0014E-00	04/13/11

1. Does the damaged facility or item of work have insurance and/or is it an insurable risk? (e.g., buildings, equipment, vehicles, etc.)

Yes No Unsure

2. Is the damaged facility located within a floodplain or coastal high hazard area, or does it have an impact on a floodplain or wetland?

Yes No Unsure

Location is on a hillside- There is no Firmette Available-- This is a Non- Printed Panel

3. Is the damaged facility or item of work located within or adjacent to a Coastal Barrier Resource System Unit or an Otherwise Protected Area?

Yes No Unsure

4. Will the proposed facility repairs/reconstruction change the pre-disaster condition? (e.g., footprint, material, location, capacity, use or function)

Yes No Unsure

5. Does the applicant have a hazard mitigation proposal or would the applicant like technical assistance for a hazard proposal?

Yes No Unsure

6. Is the damaged facility on the National Register of Historic Places or the state historic listing? Is it older than 50 years? Are there more, similar buildings near the site?

Yes No Unsure

Facility Constructed In:

7. Are there any pristine or undisturbed areas on, or near, the project site? Are there large tracts of forestland?

Yes No Unsure

8. Are there any hazardous materials at or adjacent to the damaged facility and/or item of work?

Yes No Unsure

9. Are there any other environmentally or controversial issues associated with the damaged facility and/or item of work?

Yes No Unsure

PREPARED BY: Robert Ray

COST SUMMARY RECORD

APPLICANT		PW REF NO.	CATEGORY	FIPS NO.	DISASTER
East Valley Water District		EVWD-5F	F	071-0014E-00	1952 CA
	CLAIM COST	COMMENTS (FEMA USE ONLY)			ELIGIBLE COSTS
FORCE ACCOUNT LABOR REGULAR TIME	\$ -				\$ -
FORCE ACCOUNT LABOR OVERTIME	\$ -				\$ -
FORCE ACCOUNT EQUIPMENT	\$ -				\$ -
MATERIALS	\$ -				\$ -
RENTAL EQUIPMENT	\$ -				\$ -
CONTRACTS	\$ 9,781.00				\$ 9,781.00
TOTAL	\$ 9,781.00				\$ 9,781.00

I certify that the above information was transcribed from timesheets, payroll records, equipment log, invoices, stock records or other documents which are available for audit.

Certified by: Gary Sturdivan	Title: Safety Regulatory Affairs Officer	Date:
---------------------------------	---	-------

Applicant's records have been reviewed and found correct with the exceptions as noted.

PHOTO SHEET

APPLICANT:	East Valley Water District	CATEGORY:	F
FIPS NO:	071-0014E-00	PW REF NO:	EVWD-5E



Photo showing new asphalt replaced. Note asphalt curb feeding concrete catch basin with metal grate on top. Event flows undercut catch basin, it then collapsed, and went down the embankment along with much asphalt.



Replaced catch basin, asphalt curb, and asphalt. Catch basin feeds a 8 inch CMP underground that comes out to left of surface of steep embankment, and then down 47 feet to base of embankment. of

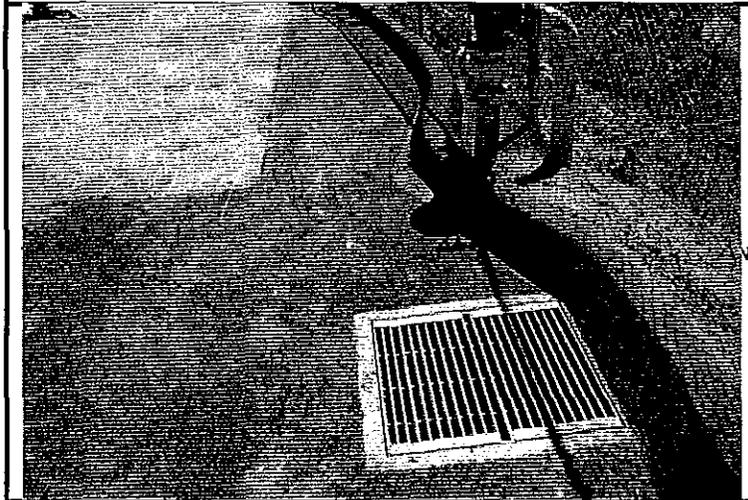
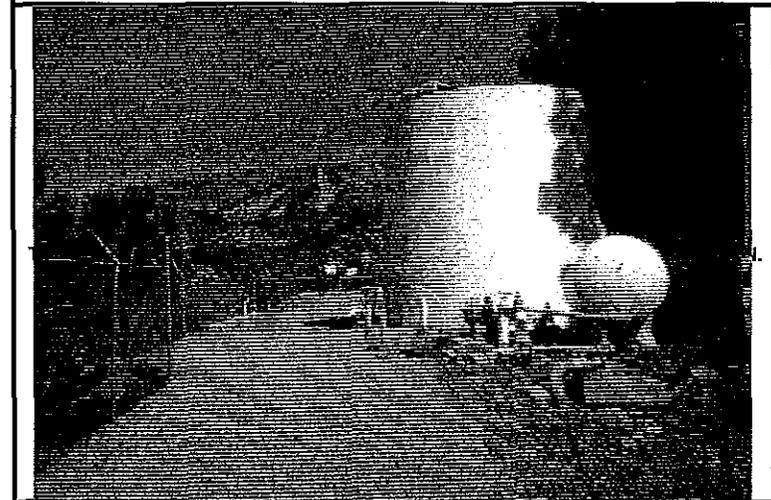


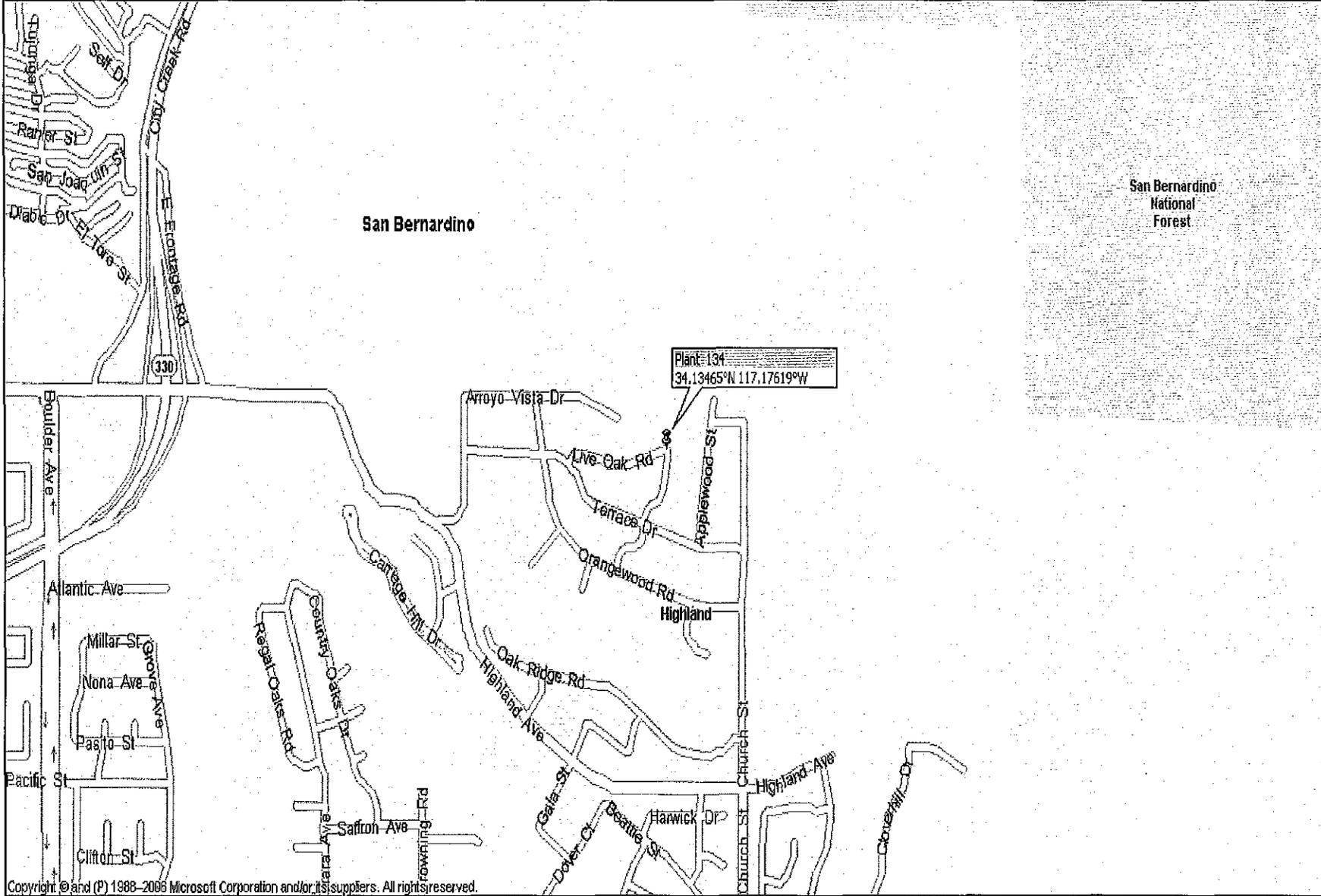
Photo of asphalt curb feeding catch basin other side of basin. Chain link fence to right of basin, was partially removed to permit installation of basin and 8 inch CMP running down the embankment to right of photo.



This photo indicates what we call blue sky!!., and is the entrance to Plant 137. Note chain link fence along North edge of property to left, with steep embankment to left of fence(embankment not shown)

LOCATION MAP

APPLICANT:	East Valley Water District	CATEGORY:	F
FIPS NO:	071-0014E-00	PW REF NO:	EVWD-5F



Copyright © and (P) 1988-2006 Microsoft Corporation and/or its suppliers. All rights reserved.
 National PW Template V2.2 February 2011 Excel 2007



[Product Catalog](#) | [Map Search](#) | [Quick Order](#) | [Digital Post Office](#) | [Help](#)

[Log on](#)

[Home](#) > [Map Search Results](#)

Map Search Results

Non-printed Panel(s)

Item ID	Community ID	Community Name
06071C7970H	06071C	SAN BERNADINO COUNTY AND INCORPORATED AREAS

[FEMA.gov](#) | [Accessibility](#) | [Privacy Policy](#) | [FAQ](#) | [Site Help](#) | [Site Index](#) | [Contact Us](#)

FEMA Map Service Center, P.O. Box 1038 Jessup, Maryland 20794-1038 Phone: (877) 336-2627
Adobe Acrobat Reader required to view certain documents. [Click here to download.](#)

Plant 137- No flood map available!

BACKUP DOCUMENTATION

DECLARATION NO.				PW REF NO.	DATE	FIPS NO.	CATEGORY	EMMIE NO.
FEMA	1952	DR	CA	EVWD-5F	04/13/11	071-0014E-00	F	
APPLICANT							COUNTY	
East Valley Water District							San Bernardino	

**DO NOT
SCAN**

Roquet Paving Inc

PO Box 887
 Colton CA 92324
 (909) 783-4477 - Fax (909)
 783-0267

137

INVOICE

DATE	INVOICE #
4/13/2011	0404-11

BILL TO
East Valley Water District PO Box 3427 San Bernardino, CA 92413 Attn: Gary

JOB LOCATION
Plant 137 Highland

TERMS	JOB COMPLETION DATE	JOB NUMBER
Upon Completion	4/13/2011	0404-11

DESCRIPTION	AMOUNT
1. Asphalt and Concrete Work: a. Remove and replace 578 SF of damaged (undercut) asphalt paving along existing fence. b. Re-install 95 LF of 8" AC berm. c. Demo and rebuild damaged 24"x24"x24' concrete catch basin.	9,781.00
2. Pipe: Install 47 LF of 8" corrugated galvanized steel pipe from catch basin to bottom of slope (Control embankment erosion). Includes removing existing chain link fence with top rail (for work clearance) and barbwire, and re-installing as original.	5,875.00

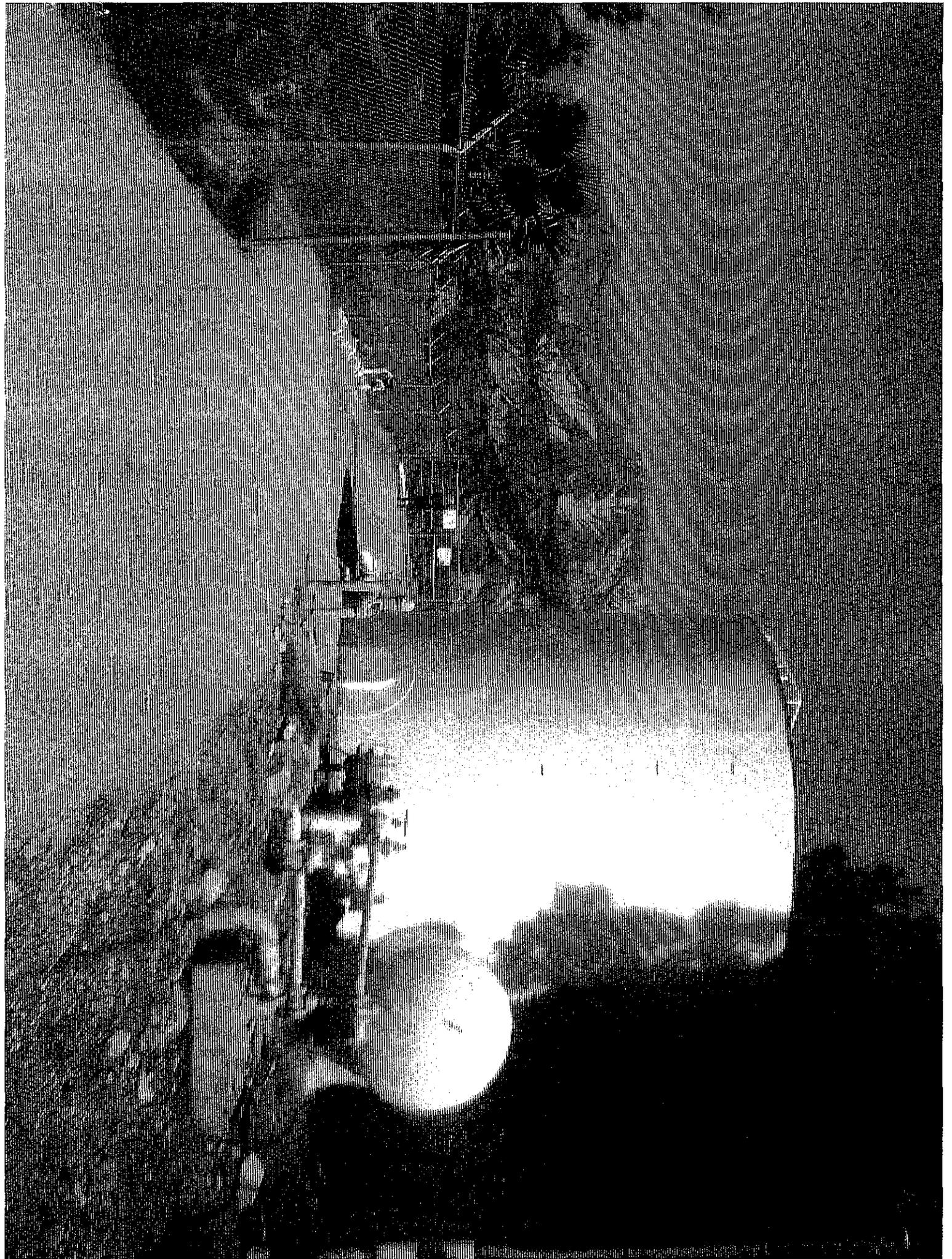
Repairs

Mitigation

9,781.00

5,875.00

Thank you for your business.	Total	\$15,656.00
------------------------------	--------------	-------------





Plant 137
estimates are for coming

HAZARD MITIGATION PROPOSAL (HMP) SUMMARY

DISASTER		APPLICANT	PW REF NO.	FIPS NO.	CATEGORY
1952	CA	East Valley Water District	EVWD-5F	071-0014E-00	F

Mitigation activity will be performed on sites in this project.

If there is no mitigation activity explain why not.

Codes and Standards

Good Construction Practices

Mitigation Policy

15 percent

100 percent list

Benefit/Cost Ratio (Attach B/C analysis)

Other:

Enter cost of mitigation project as percent of in-kind repair or as dollar amount:

Dollar Amount: \$5,875.00

Percent: 60.07%

Check here if you wish to attach a Hazard-Mitigation Proposal