

STATE OF CALIFORNIA
REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

STAFF SUMMARY REPORT
STAFF: Farhad Azimzadeh
MEETING DATE: November 16, 2005

ITEM: 8

SUBJECT: **C&H Sugar Company, Crockett, Contra Costa County – Hearing to Consider Mandatory Minimum Penalty for Discharge of Partially Treated Wastewater to Waters of the State**

CHRONOLOGY: October 2004 - Mandatory Minimum Penalty
May 2002 - Mandatory Minimum Penalty and Administrative Civil Liability

DISCUSSION: The C&H Sugar Company violated its effluent limits on ten occasions during the period between September 28, 2004, and June 7, 2005. All ten of these violations are subject to mandatory minimum penalties (MMP) for a total penalty of \$30,000.

We issued an MMP Complaint to C&H Sugar (Appendix A). C&H Sugar has waived its right to a hearing, agreed to pay \$7,500 to the State Water Pollution Cleanup and Abatement Account, and submitted a \$22,500 supplemental environmental project (SEP) proposal (Appendix B). C&H Sugar proposes to pay \$22,500 to the Muir Heritage Land Trust to partially fund restoration of Rodeo Creek. This Creek is located on a 702-acre property (also known as Fernandez Ranch) south of Highway 4, west of Christie Road, near Hercules in Contra Costa County. Muir Heritage Land Trust purchased Fernandez Ranch last summer and over the next two years will primarily focus on restoring Rodeo Creek. The proposed SEP meets State criteria for an SEP and we plan to approve it.

RECOMMEN-
DATIONS: No action required.

File No.: 2119.1006 (FA)

Appendices:
A - Mandatory Minimum Penalties Complaint and Signed Waiver
B - Supplemental Environmental Project Proposal

Appendix A

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
SAN FRANCISCO BAY REGION

COMPLAINT NO. R2-2005-0037
MANDATORY MINIMUM PENALTIES
IN THE MATTER OF
C&H SUGAR COMPANY
CROCKETT, CONTRA COSTA COUNTY

This Complaint assessing Mandatory Minimum Penalty (MMP) pursuant to California Water Code Sections 13385(h) and 13385(i) is issued to C&H Sugar Company (hereinafter Discharger) based on a finding of ten effluent violations of Order No. 00-025, NPDES Permit No. CA0005240.

The Executive Officer finds the following:

1. On April 19, 2000, the Regional Water Quality Control Board (Water Board) adopted Order No. 00-025 for the Discharger, to regulate discharges of waste from the Discharger's sugar refinery and the biological wastewater treatment plant (treatment plant).
2. In 1976 the Discharger entered into a Joint-Use Agreement with the Crockett-Valona Sanitary District (CVSD) for the joint use of the treatment plant. According to the agreement provisions, the Discharger assumed, and continues to assume, full responsibility for the operation and maintenance of the treatment plant to produce an effluent in compliance with the applicable NPDES permit, and CVSD shares the equipment cost and reimburses the Discharger a portion of the operational and maintenance cost.
3. Order No. 00-025 prohibits the discharge of effluent containing the following pollutants with concentrations exceeding the applicable effluent limitations:

Pollutant/Parameter (unit)	Effluent Limit
Mercury monthly average (ug/L)	0.21
Biochemical Oxygen Demand (BOD) daily maximum lb/day	$6688 + [(60 \text{ mg/l}) \times (\text{CVSD Flow in MGD}) \times (8.34)]$
BOD monthly average lb/day	$2417 + [(30 \text{ mg/l}) \times (\text{CVSD Flow in MGD}) \times (8.34)]$
Total coliform 5-sample median/ MPN/100 mL	240

4. The Discharger submitted self-monitoring reports as listed in the table on the next page documenting exceedances of the permit limits. During the period between September 28, 2004, and June 7, 2005, the Discharger had ten violations of its effluent limits. These violations are: two mercury monthly average violations, three BOD daily maximum limit violations, three BOD monthly average limit violations, and two total coliform 5-sample

median limit violations. The details of these limit violations are summarized in the table below:

Item No.	Report Date	Sampling or calculation Date	Description of Exceeded Pollutant or Parameter	Sample or Calculated Result	NPDES Permit Effluent Limit for the pollutant or parameter	CVSD Flow in MGD for BOD limit calculation	BOD limit calculation
1	10/22/2004	9/28/2004	Mercury Monthly Average, ug/L	0.265	0.21	NA	NA
2	11/24/2004	10/31/2004	Mercury Monthly Average, ug/L	0.496	0.21	NA	NA
3	12/29/2004	11/9/2004	BOD daily maximum, lb/day	10135	6928	0.48	$6688 + 60 \times 0.48 \times 8.34 = 6928$
4	12/29/2004	11/30/2004	BOD monthly average, lb/day	4252	2485	0.27	$2417 + 30 \times 0.27 \times 8.34 = 2485$
5	2/28/2005	1/27/2005	BOD daily maximum, lb/day	13255	7283	1.19	$6688 + 60 \times 1.19 \times 8.34 = 7283$
6	2/28/2005	1/31/2005	BOD monthly average, lb/day	3425	2535	0.47	$2417 + 30 \times 0.47 \times 8.34 = 2535$
7	6/27/2005	5/25/2005	BOD daily maximum, lb/day	21866	6898	0.42	$6688 + 60 \times 0.42 \times 8.34 = 6898$
8	6/27/2005	5/31/2005	BOD monthly average, lb/day	5519	2495	0.31	$2417 + 30 \times 0.31 \times 8.34 = 2495$
9	7/27/2005	6/6/2005	Total coliform 5-sample median, MPN/100 mL	350	240	NA	NA
10	7/27/2005	6/7/2005	Total coliform 5-sample median, MPN/100 mL	350	240	NA	NA

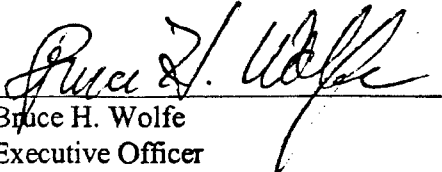
5. Water Code Section 13385(h)(1) requires the Water Board to assess an MMP of three thousand dollars (\$3,000) for each serious violation.
6. Water Code Section 13385(h)(2) defines "serious violation" as any waste discharge of a Group I pollutant that exceeds the effluent limitation contained in the applicable waste discharge requirements by 40 percent or more, or any waste discharge of a Group II pollutant that exceeds the effluent limitation by 20 percent or more.
7. Water Code Section 13385(i)(1) requires the Water Board to assess an MMP of three thousand dollars (\$3,000) for each violation, not counting the first three violations, if the discharger does any of the following four or more times in any six consecutive months:
 - a. Violates a waste discharge requirement effluent limitation.
 - b. Fails to file a report pursuant to Section 13260.
 - c. Files an incomplete report pursuant to 13260.
 - d. Violates a toxicity effluent limitation contained in the applicable waste discharge requirements where the waste discharge requirements do not contain pollutant-specific effluent limitations for toxic pollutants.
8. The assessment data for the violations listed in the finding above are summarized in the attached Table 1, which is incorporated herein by reference, and described in the following findings:
 - a. Mercury is a Group II pollutant. The first two mercury violations (items 1 and 2 in Table 1) exceed the effluent limitation by 20 percent. Therefore, these

violations are subject to a \$6,000 MMP under Water Code Section 13385(h) as serious violations.

- b. BOD is a Group I pollutant. The five violations (items 3, 4, 5, 7, and 8 in Table 1) exceed the effluent limitation by 40 percent. Therefore, these violations are subject to a \$15,000 MMP under Water Code Section 13385(h) as serious violations. The BOD monthly average for the month of January 2005 (Item 6 in Table 1) does not exceed the effluent limitation by 40 percent. However, since the Discharger reported at least four effluent limits violations during the six consecutive months before January 2005, the item 6 violation is also subject to a \$3,000 MMP under Water Code Section 13385(i)(1) (also known as chronic violation). The total BOD MMP amount is \$18,000.
 - c. The last two total coliform violations (items 9 and 10 in Table 1) are also subject to an MMP since the Discharger reported at least four effluent limits violations during the six consecutive months before June 6 and June 7, 2005, respectively. Therefore the two total coliform violations are subject to a \$6,000 MMP under Water Code Section 13385(i)(1) as chronic violations.
 - d. Water Code Section 13385(j) provides some exceptions related to the assessment of an MMP for effluent limit violations. None of the exceptions apply to the violations cited in this Complaint.
 - e. All ten of the violations listed in Table 1 are subject to an MMP. The total MMP amount is \$30,000.
9. Water Code Section 13385(l) allows the Water Board, with the concurrence of the discharger, to direct a portion of the MMP amount to be expended on a supplemental environmental project (SEP) in accordance with the enforcement policy of the State Water Resources Control Board. The Discharger may undertake an SEP for up to the full amount of the MMP for liabilities less than or equal to \$15,000. If the MMP amount exceeds \$15,000, the maximum MMP amount that may be expended on an SEP may not exceed \$15,000 plus 50 percent of the MMP amount that exceeds \$15,000.
 10. Instead of paying the full penalty amount to the State Water Pollution Cleanup and Abatement Account, the Discharger may spend an amount up to \$22,500 on an SEP acceptable to the Executive Officer. Any such amount expended to satisfactorily complete an SEP will be permanently suspended.
 11. If the Discharger chooses to propose an SEP, the proposed SEP shall be in the following categories:
 - a. Pollution prevention;
 - b. Pollution reduction;
 - c. Environmental clean-up or restoration; and
 - d. Environmental education.

THE C&H SUGAR COMPANY IS HEREBY GIVEN NOTICE THAT:

1. The Executive Officer proposes that the Discharger be assessed an MMP in the total amount of \$30,000.
2. The Water Board will hold a hearing on this Complaint on November 16, 2005, unless the Discharger waives the right to a hearing by signing the last page of this Complaint and checks the appropriate box. By doing so, the Discharger agrees to:
 - a. Pay the full MMP of \$30,000 within 30 days after the signed waiver becomes effective, or
 - b. Propose an SEP in an amount up to \$22,500 and pay the balance of the penalty within 30 days after the signed waiver becomes effective. The sum of the SEP amount and the amount of the fine to be paid to the State Water Pollution Cleanup and Abatement Account shall equal the full penalty of \$30,000.
3. If the Discharger chooses to propose an SEP, the Discharger shall submit a preliminary proposal by October 14, 2005, to the Executive Officer for conceptual approval. Any SEP proposal shall conform to the requirements specified in Section IX of the Water Quality Enforcement Policy, which was adopted by the State Water Resources Control Board on February 19, 2002. If the proposed SEP is not acceptable to the Executive Officer, the Discharger has 30 days from receipt of notice of an unacceptable SEP to either submit a new or revised proposal, or make a payment for the suspended amount. All payment, including any money not expended for the SEP, must be payable to the State Water Pollution Cleanup and Abatement Account. Regular reports on the SEP implementation shall be provided to the Executive Officer according to a schedule to be determined. The completion report for the SEP shall be submitted to the Executive Officer within 60 days of project completion.
4. The signed waiver becomes effective on the next day after the public comment period for this Complaint is closed, provided that there are no significant public comments on this Complaint during the public comment period. If there are significant public comments, the Executive Officer may withdraw the Complaint and reissue it as appropriate.
5. If a hearing is held, the Water Board will consider whether to affirm, reject, or modify the proposed penalty, or whether to refer the matter to the Attorney General for recovery of the civil liability.


Bruce H. Wolfe
Executive Officer

SEP 1 6 2005

Date

WAIVER

(The signed waiver will become effective on the next day after the public comment period for this Complaint is closed, provided that there are no significant public comments on this Complaint during the public comment period. If there are significant public comments, the Executive Officer may withdraw the Complaint and reissue it as appropriate.)

- Waiver of the right to a hearing and agree to make payment in full.
By checking the box, I agree to waive my right to a hearing before the Board with regard to the violations alleged in Complaint No. R2-2005-0037 and to remit the full penalty payment to the State Water Pollution Cleanup and Abatement Account, c/o Regional Water Quality Control Board at 1515 Clay Street, Oakland, CA 94612, within 30 days after the signed waiver becomes effective as indicated above. I understand that I am giving up my right to be heard, and to argue against the allegations made by the Executive Officer in this Complaint, and against the imposition of, or the amount of, the civil liability proposed.
- Waiver of right to a hearing and agree to make payment and undertake an SEP.
By checking the box, I agree to waive my right to a hearing before the Board with regard to the violations alleged in Complaint No. R2-2005-0037 and I agree to complete a supplemental environmental project (SEP) in lieu of the suspended liability up to \$22,500. I also agree to remit payment of the balance of the fine to the State Water Pollution Cleanup and Abatement Account (CAA) within 30 days after the signed waiver becomes effective. I understand that the SEP proposal shall conform to the requirements specified in Section IX of the Water Quality Enforcement Policy, which was adopted by the State Water Resources Control Board on February 19, 2002, and be subject to approval by the Executive Officer. If the SEP proposal, or its revised version, is not acceptable to the Executive Officer, I agree to pay the suspended penalty amount for the SEP within 30 days of the date of the letter from the Executive Officer denying the approval of the proposed/revised SEP. I also understand that I am giving up my right to argue against the allegations made by the Executive Officer in the Complaint, and against the imposition of, or the amount of, the civil liability proposed. I further agree to satisfactorily complete the approved SEP within a time schedule set by the Executive Officer. I understand failure to adequately complete the approved SEP will require immediate payment of the suspended liability to the CAA.

J A Warfield
Name (print)

J A Warfield
Signature

10/12/05
Date

V.P. Operations
Title/Organization

Table 1: Violations Summary (September 2004 - June 2005)

Item No.	Date	Pollutant	Effluent Limit	Group II Effluent Limit + 20%	Group I Effluent Limit + 40%	Effluent Value	Mandatory Minimum Penalty for a WC Section 13385(h)(1) (Serious) Violation/\$	Mandatory Minimum Penalty for a WC Section 13385(i)(1) (Chronic) Violation/\$	8/4/2004 is the start date of 180 days period for Item 6 violation	12/8/2004 and 12/9/2004 are the respective start dates of 180 days periods for Items 9 and 10 violations
1	9/28/2004	Hg Monthly Average, ug/L	0.21	0.252		0.265	\$3,000		First Violation	
2	10/31/2004	Hg Monthly Average, ug/L	0.21	0.252		0.496	\$3,000		Second Violation	
3	11/9/2004	BOD daily maximum, lb/day	6928		9699	10135	\$3,000		Third Violation	
4	11/30/2004	BOD monthly average, lb/day	2485		3478	4252	\$3,000		Fourth Violation	
5	1/27/2005	BOD daily maximum, lb/day	7283		10197	13255	\$3,000		Fifth Violation	First Violation
6	1/31/2005	BOD monthly average, lb/day	2535		3548	3425		\$3,000	Sixth Violation	Second Violation
7	5/25/2005	BOD daily maximum, lb/day	6898		9657	21866	\$3,000			Third Violation
8	5/31/2005	BOD monthly average, lb/day	2495		3492	5519	\$3,000			Fourth Violation
9	6/6/2005	Total coliform 5-sample median, MPN/100 mL	240			350		\$3,000		Fifth Violation
10	6/7/2005	Total coliform 5-sample median, MPN/100 mL	240			350		\$3,000		Sixth Violation
Mandatory Minimum Penalty for Seven Serious Violations/\$							\$21,000			
Mandatory Minimum Penalty for Three Chronic Violations/\$								\$9,000		
Total Mandatory Minimum Penalty for Ten Violations/\$								\$30,000		
Notes: Previous enforcement actions are Complaint Nos. R2-2004-0067 and R2-2002-0005, and ACL R2-2002-0016. Other information for Order No. 00-025, NPDES Permit No. CA 0005240: WDID 2 071006001 and File No. 2119.1006										

Appendix B



C&H SUGAR COMPANY, INC.

Elizabeth M. Crowley
Environmental Compliance Manager

October 13, 2005

VIA FACSIMILE & Certified U.S. Mail #70051160000450594151

Executive Officer
Attn: Farhad Azimzadeh
California Regional Water Quality Control Board
San Francisco Bay Region
1515 Clay Street, Suite 1400
Oakland, CA 94612

Re: R2-2005-0037 Waiver Transmittal & SEP Proposal
Attention: Surveillance Division
File #2119.1006 – C&H Sugar Company, Inc.

Dear Mr. Azimzadeh:

Please accept the attached R2-2005-0037 signed waiver and the attached SEP proposal.

C&H proposes to participate in a portion of the Muir Heritage Land Trust (MHLT) Fernandez Ranch project. The attached letter describes the MHLT and the project they are conducting at the Fernandez Ranch. The real estate transaction for this property closed this past summer and the MHLT has received fund commitments that allow the project to begin. Although this project is of a long term nature and a sizeable budget, MHLT expects that the C&H SEP funds would be used in the initial phases of the project such as debris removal.

The Fernandez Ranch property is in the vicinity of Crockett in western Contra Costa County. C&H believes that this project satisfies the core values of SEP appropriated funds. First, this project supports the effort to retain open space as protected watersheds. Second, it retains the funds to be used in an area of local benefit. Third it coincides with recent C&H efforts to retain and repair open space, the latter which was done with RWQCB oversight and approval. The Fernandez Ranch is adjacent to the former C&H Ranch, previously owned by the Californian and Hawaiian Sugar Company (predecessor to C&H) that was recently transferred to the East Bay Parks District to remain as open space. C&H also recently received RWQCB clean closure on the remaining 11-acre former landfill portion of that C&H Ranch.

830 Loring Ave
Crockett, CA 94525
Tel 510 787 4352
Fax 510 787 4443
elizabeth.crowley@chsugar.com

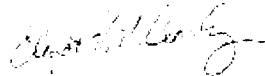
Farhad Azimzadeh
Surveillance Division
File #2119.1006 – C&H Sugar Company, Inc.
October 13, 2005
Page 2

C&H believes this is a worthy cause and would like RWQCB approval to allocate the SEP eligible portion of the penalty settlement to this project. We look forward to working with you on this effort.

Certification

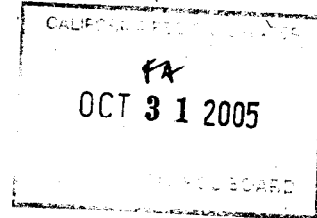
I certify under penalty of law that this document and all attachments are prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations. [40 CFR 122.22(d)].

Sincerely,



Elizabeth M. Crowley

Encl.



October 26, 2005

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Beth Pardieck
Stewardship Associate

Lisa Crowley
C&H Sugar
830 Loring Ave.
Crockett, CA 94525

Dear Lisa,

I am writing on behalf of the Muir Heritage Land Trust (MHLT) to request a contribution from C&H Sugar in the amount of \$22,500 to support our work to restore and steward the 702 acre Fernandez Ranch in West Contra Costa County.

The Land Trust is requesting these funds go towards the debris removal, revegetation, and fencing of a section of Rodeo Creek that is most vulnerable to illegal dumping from Christie Road, which is the access road to the Fernandez Ranch. Cost estimates for debris removal, erosion control, and fencing for this section of Rodeo Creek total \$30,900. No overhead costs will be taken out of the C&H Sugar contribution. A final report will be prepared 60 days after completion of the work, which will begin pending CEQA approval no later than October, 2006.

The Muir Heritage Land Trust

MHLT's first 15 years of existence involved acquiring, managing and restoring over 660 acres of contiguous ranchland in the Franklin Ridge, the 7 acre Bodfish Preserve in Orinda, the 30 acre Goldfield Preserve in Hercules, and the 121 acre Pacheco Marsh property along the Carquinez Strait. MHLT closed escrow on their most recent acquisition, the 702 acre Fernandez Ranch in July, 2005. The Fernandez Ranch is the largest open space preserve in West Contra Costa County, a traditionally underserved region in terms of open space and parklands.

As Land Trust stewardship responsibilities increase, MHLT has partnered with the East Bay Conservation Corps to manage and restore Land Trust owned properties. This partnership is essential as MHLT acquires and manages more land.

MHLT also partners with the Vicente Martinez Continuing Education High School and the Urban Creeks Council to provide an environmental education curriculum for the students as they participate in the creek restoration alongside their campus. This program is being expanded as funds become available to serve students and community volunteers throughout MHLT's geographic region, which includes all of Contra Costa County and parts of Alameda County.

Statement of Need

With the completion of the 702 acre Fernandez Ranch acquisition in July, 2005, restoration of the two mile Rodeo Creek corridor that traverses the property will be a primary focus of the Muir Heritage Land Trust's work over the next two years.

Historically, Rodeo Creek has been impacted by erosion due to very sandy soil in the upper watershed. In spite of this, steelhead have been found downstream because no physical barriers exist anywhere in the watershed. The Land Trust's challenge is to restore the riparian habitat on the Fernandez Ranch, while managing the erosion. We also need to reconstruct the bridge crossed the creek to allow for public and fire safety access.

Debris from illegal dumping off Christie Road into the creek has to be removed and the riparian area restored. Further upstream, cattle have been allowed to cross the creek corridors. These areas will need to be fenced, along with the two stock ponds on the property. Additional restoration and fencing of the riparian corridor can be done over the long term as funding is identified.

Fernandez Ranch-Partners in Restoration

A State Coastal Conservancy grant will fund the restoration plan. They are also funding the Bay Area Ridge Trail Council's (BARTC) public access and trail plan for the property. Constructing the bridge across the creek is necessary to complete the segment of the Bay Area Ridge Trail that goes from the EBMUD's watershed lands across the Fernandez Ranch north to EBRPD's Carquinez Strait Regional Shoreline Park.

The Conservancy staff will work with MHLT's Stewardship Associate to hire and manage a restoration planning consultant and contractor to undertake the bridge construction. East Bay Conservation Corps employees will assist with the debris clean-up, creek restoration, and the resulting erosion control.

Students from MHLT's Environmental Academy at the Vicente Martinez High School will also be involved in the erosion control activities. By working with the EBCC employees, students from the Continuing Education High School can learn about job opportunities in the environmental field.

Bay Area Ridge Trail staff will undertake the trail planning, and Land Trust community volunteers will be asked to work with EBCC crews to construct trail improvements other than the bridge that crosses Rodeo Creek. Restoration and trail planning could take up to six months, followed by obtaining necessary permits from the regulatory agencies. Actual construction and restoration work will begin next May, 2006.

MHLT recently received a grant from the Contra Costa County Clean Water Program to help residents of West Contra Costa County form the Friends of Rodeo Creek in order to undertake a watershed management plan for the entire Rodeo Creek Watershed. This project will involve local community members in the Land Trust's work, and educate the public about the need to restore eroded and degraded sections of the watershed to improve water quality.

Outcomes

The end result of the restoration activities on the Fernandez Ranch and within the greater Rodeo Creek watershed include: creation of the largest open space preserve in West Contra Costa County, restored riparian habitat on the Fernandez Ranch, public access trails and facilities for all residents of the County, increased community involvement and support, an established partnership with EBCC for both land stewardship and environmental education programs.

MHLT will be able to evaluate the quality of our services by our ability to meet the project budget in a timely manner, and increase community involvement and support. Ongoing monitoring of the creek restoration and revegetation will be required by the regulatory agencies issuing permits for the work. Associated reports must be submitted as a condition of the private foundation and government grants.

Qualifications

MHLT has been acquiring and stewarding land in Contra Costa County for 17 years. Our support and land holdings have increased proportionately. Our partnership with EBCC will help us achieve our land management objectives, and increase the involvement of students and community volunteers over the long term. Completing the acquisition of the Fernandez Ranch was the first step towards meeting these long term partnership goals.

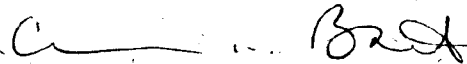
Funding & Sustainability

We still need to fund the Land Trust's stewardship endowment for the Fernandez Ranch. This is necessary to cover management costs over the long term. MHLT's Development Associate and Development Subcommittee have implemented a Planned Giving Program in hopes of soliciting bequests, and educating our donors about the need to invest in the Land Trust's longevity. Once we've completed CEQA, we will be applying to the California Rivers and Parkways program to fund the creek restoration and public access improvements.

MHLT's long-term sustainability will depend on our ability to partner with organizations like the East Bay Conservation Corps. As we continue to buy land, we will need to rely on EBCC's land management expertise, and commitment to environmental education. The opportunity to involve the general public in our work comes through land and resource stewardship- particularly with young people. Once an interest in caring for the environment takes hold, we will succeed in educating a new generation of land stewards, which will increase public support over the long term.

Thank you very much for considering this request for support.

Sincerely,


Christina N. Batt, Executive Director

Cc: Farhad Azimzadeh, San Francisco Bay Regional Water Quality Control Board

**Muir Heritage Land Trust
Project Budget**

Fernandez Ranch-Phase II
Restoration and Management

Expenses

Fernandez Ranch/Rodeo Creek Restoration	
Restoration Plan	\$150,000
Bridge Construction and Engineering	400,000
Debris Cleanup	144,000
Creek Restoration/Creek Bank Grading	440,000
Erosion Control/Revegetation	345,000
Fencing along Christie Rd.	22,000
Fencing along Riparian Areas	77,000
CEQA/Resource Studies/Permitting	93,000
Fernandez Ranch Management Plan	50,000
Staging Area/Signage/Restrooms	100,000
Rodeo Creek Watershed Management Plan	35,000
Bay Area Ridge Trail Plan	58,000
Trail Construction	<u>75,000</u>
Total	1,989,000
Stewardship Endowment	500,000
MHLT Administrative Costs	<u>198,000</u>
Total- Phase II Fernandez Ranch	\$2,687,000

Committed Funds

State Coastal Conservancy- <i>Restoration Plan</i>	100,000
Bay Area Ridge Trail Council- <i>Trail Plan</i>	58,000
Fish and Game Mitigation Funds	313,000
Oakmead Foundation	75,000
San Francisco Foundation- <i>Restoration Plan</i>	30,000
S.D. Bechtel Jr. Foundation	15,000
Contra Costa Clean Water Program- <i>Rodeo Creek Watershed Plan</i>	15,000
Firedoll Foundation	<u>10,000</u>
Total Committed Funds	\$ 616,000