23

24

25

26

27

28

1

2

3

4

5

6

7

8

10

FILED ENTERED
RECEIVED

OCT UN 1999 MR

Hon. William L. Dwyer

WESTERN DISTRICT OF WASHINGTON DEPUTY

CC: TO JUDGEL MEG G

FILED CONTERED

LODGED RECEIVED

RECEIVED

UNITED STATES DISTRICT COURT WESTERN DISTRICT OF WASHINGTON AT SEATTLE.

OCT 13 1999

CLERK U.S. DISTRICT COURT
WESTERN DISTRICT OF WASHINGTON

UNITED STATES OF AMERICA, et al.,

Plaintiffs.

NO. C90-395WD AMENDED

CONSENT DECREE

THE CITY OF SEATTLE, and MUNICIPALITY OF METROPOLITAN SEATTLE,

Defendants.

CONSENT DECREE

This Consent Decree is made and entered into by and between the United States of America, the State of Washington, the Suquamish Indian Tribe, the Muckleshoot Indian Tribe, the City of Seattle ("City") and the Municipality of Metropolitan Seattle ("Metro").

INTRODUCTION

The parties to this Consent Decree agree that settlement of the claims in this case against defendants the City and Metro is

> U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070



fair, adequate, reasonable, equitable and in the public interest and is made in good faith and after arms-length negotiations, and that entry of this Consent Decree is the most appropriate means to resolve the matters covered herein.

RECITALS

- A. The Department of Commerce acting through the National Oceanic and Atmospheric Administration ("NOAA"), the United States Department of the Interior ("Interior"), the Washington Department of Ecology ("Ecology"), the Muckleshoot Indian Tribe, and the Suquamish Indian Tribe have been designated pursuant to Section 107(f) of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980, as amended ("CERCLA"), 42 U.S.C. Section 9607(f), and 40 C.F.R. Part 300, subpart G, to act on behalf of the public as trustees for natural resources for the assessment and recovery of damages for injury to, destruction of, or loss of natural resources under their trusteeships.
- B. Metro, pursuant to statutory authority, is responsible for the construction, operation, and maintenance of trunk sewer lines, pumping facilities, and treatment plants serving over one million people including many industrice and commercial enterprises in the greater Seattle area. Metro treats approximately 180 million gallons of wastewater per day at its five wastewater treatment plants, and discharges the treated effluent from a system of outfall pipes extending into Puget Sound. As a part of that system, combined sewer overflows

U.S. Department of Justice

Environmental Enforcement Section
c/o GC-DOJ DARC

7600 Sand Point Way N.E.

Seattle, Washington 98115-0070

11 12

13 14

> 15 16

17

18

20 21

22 23

24

25

26 27

("CSOs") are located on and discharge to Elliott Bay and the Duwamish River to handle extraordinary flows of storm water into the system. Effective January 1, 1994, by the operation of law the Municipality of Metropolitan Seattle (Metro) was consolidated into King County, a home rule charter county of the State of Washington. For a two-year transition period the functions formerly performed by the Municipality of Metropolitan Seattle were performed by King County through the Department of Metropolitan Services. As of January 1, 1996, the metropolitan water pollution control function formerly performed by Metro is now performed by King County through its Department of Natural Resources. Provisions herein regarding the rights and obligations of Metro should be read to refer to King County.

- The City, pursuant to statutory authority, owns and maintains a basic collector sewer system which feeds into the Metro trunk sewer lines, and also owns and maintains a storm water system. The City pays Metro for sewage transmission, treatment, and disposal services. As part of the sewer and storm water systems, the City owns and maintains certain CSOs and storm water outfalls that discharge to Elliott Bay and the Duwamish River.
- The United States on behalf of NOAA filed a complaint in this action on March 19, 1990, under Section 107 of CERCLA, 42 U.S.C. § 9607(a), seeking, inter alia, recovery from Metro and the City for damages for injury to, destruction of, and loss of

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

28

1 natural resources resulting from releases of hazardous substances, in particular chromium, cadmium, copper, lead, zinc, pentachlorophenols (PCPs), polychlorinated biphenyls (PCBs), polycyclic aromatic hydrocarbons (PAHs), and halogenated hydrocarbons, into the environment in and around the Duwamish River and Elliott Bay, for the costs of restoring, replacing or acquiring the equivalent of the affected natural resources, and for the costs of assessing the damage to the affected natural resources.

- E. The United States has alleged in its complaint in this matter, prior to conducting a natural resource damage assessment pursuant to 43 C.F.R. Part 11, that Metro and the City have released hazardous substances into the environment, with attendant injury to the United States' trust resources, and that mitigation and remediation of substances Metro and the City are alleged to have released would facilitate the recovery of such resources.
- F. Metro and the City maintain that effluent discharged from their CSOs and storm water outfalls has presented little if any potential for injury to the natural resources in Elliott Bay and the Duwamish River; that their wastewater collection, treatment and disposal programs have contributed substantially to decreasing and/or minimizing injury and damage to natural resources; that their water quality programs have made improvements in the water quality of Elliott Bay and the Duwamish

CONSENT DECREE - 4

Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Scattle, Washington 98115-0070

U.S. Department of Justice

- G. Without admission or adjudication of any fact or issue of law in this matter, except as between the United States, Metro and the City as to the running of the statutes of limitation and to certain interpretations of Section 13 of the Rivers and Harbors Act, 33 U.S.C. § 407, in settlement of this action Metro and the City have agreed to participate in a cooperative program of restoration and replacement of natural resources in Elliott Bay and the Duwamish River. In addition to the provision of expertise through the contribution of in-kind services, Metro and the City have agreed to provide funding for the operation of the Panel (as defined below), the evaluation of natural resource damages, the selection, design, and implementation of sediment remediation and habitat development projects, and the modification of planned source control programs.
- H. This Decree contains terms embodying a cooperative partnership among the United States, Metro, the City, the State of Washington, the Muckleshoot Indian Tribe, and the Suquamish Indian Tribe that will make improvements in Elliott Bay and the Duwamish River and will allow these parties to make progress in

20 II

28 CONSENT DECREE - 5

- I. Scientific research conducted on natural resources in Elliott Bay and the Duwamish River indicates that the effects of many urban and industrial activities, including CSOs and storm water discharges, have contributed to the injury identified in these studies. Based on this research, the parties have agreed that, as to Metro and the City, no further natural resource damage assessment is required to effectuate the purposes of this Decree.
- J. The programs and projects conducted pursuant to this Decree standing alone are not intended, nor could they be expected, to remedy all of the losses of or injuries to natural resources in Elliott Bay and the Duwamish River. The parties recognize the importance of dealing with the programs under this Decree in a comprehensive manner and of coordinating the activities undertaken pursuant to this Decree with actions by these and other parties in the Elliott Bay and Duwamish River area to maximize the benefits to the natural resources, as well as the residents, of the area. This includes coordinating ongoing Metro and City programs with efforts to maintain habitat development projects established pursuant to this Decree.
- K. The parties understand that the source control, sediment remediation and habitat development efforts undertaken pursuant to this Decree are not intended to substitute for any

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

- L. The parties recognize that the United States and the State of Washington retain and reserve their authority that does not relate to recovery of natural resource damages, including the authority to issue orders requiring remedial action and to recover costs associated with such orders pursuant to CERCLA and the Model Toxics Control Act, Chapter 70.105D RCW, Chapter 90.48 RCW, and the authority to administer and enforce the State Sediment Management Standards, Chapter 173-204 WAC.
- M. The Trustees have determined that the actions and expenditures of Metro and the City under this Decree are an appropriate contribution to efforts to redress the natural resource damages that are the subject of this proceeding. This determination is based in major part upon the following considerations:
 - water quality. For example, Metro spent \$2,244,000 over the period 1977 through 1989 on its program of regulating commercial and industrial discharges into those portions of its sewerage system related to Elliott Bay and the Duwamish River area. Metro has spent an additional \$38,000,000 cince 1961 on other programs specifically designed to enhance Elliott Bay and the Duwamish River area. In addition to funds made available pursuant to this Decree, Metro will spend \$54,500,000 (in 1988 dollars) for CSO control projects

U.S. Department of Justice
Environmental Enforcement Section
c/o GC-DOJ DARC
7600 Sand Point Way N.E.
Scattle, Washington 98115-0070

CONSENT DECREE - 7

- 2. The City has been actively engaged in programs to increase protection of waters receiving urban runoff.

 During the period 1970 through 1989, the City has expended more than \$150,000,000 in capital projects and other programs to enhance water quality in the Elliott

 Bay/Duwamish River area. (This figure does not include fees and charges paid to Metro, although the City has historically contributed over one-half of Metro's operating revenue.) The City's capital projects and other programs have included controlling CSOs, identifying and reducing sources of contaminants in storm drains, educating commercial and industrial dischargers on storage and handling practices of hazardous substances, and cleaning streets, catch basins, and storm drain lines.
- 3. On April 17, 1991, the State of Washington adopted Sediment Management Standards, Chapter 173-204 WAC, an innovative program of sediment quality standards, source control, and cleanup, applicable to sediments in Elliott Bay and the Duwamish River.

In particular, the CSO control efforts undertaken by Metro and the City, combined with the expected sediment quality benefits from adherence with the Sediment Management Standards program, provide a substantial foundation for the efforts contemplated under this Decree.

22 |

__ |

CONSENT DECREE - 8

1 NOW, THEREFORE, before the taking of any testimony, before the adjudication of the merits of this case, and without admission of any issue of law, fact, liability, or responsibility by the City or Metro, IT IS HEREBY ORDERED, ADJUDGED, AND 5 DECREED:

JURISDICTION AND VENUE

The Court has jurisdiction over the subject matter of this action and the parties to this Consent Decree pursuant to 28 U.S.C. §§ 1331 and 1345, and Section 113(b) of CERCLA, 42 U.S.C. § 9613. This Court also has personal jurisdiction over the City and Metro which, solely for the purposes of this Consent Decree, waive all objections and defenses that they may have to jurisdiction of the Court or to venue in this District and to service of process.

APPLICABILITY OF CONSENT DECREE

The provisions of this Consent Decree shall apply to and be binding on the parties to this Consent Decree, their agents, successors and assigns. Changes in the organizational form or status of a party shall have no effect on its obligations under this Consent Decree.

DEFINITIONS

This Consent Decree incorporates the definitions 3. set forth in Section 101 of CERCLA, 42 U.S.C. § 9601. In addition, whenever the following terms are used in this Consent Decree, they shall have the following meanings:

26 27

2

3

4

6

7

8

10

11

13

14

15

16

17

18

19

20

21

22

24

25

CONSENT DECREE - 9

b. "Covered matters" means any civil or administrative liability to the United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe, for any claim under 42 U.S.C. § 9607(a), 33 U.S.C. § 407, Chapter 70.105D RCW, Chapter 90.48 RCW, or any other federal, state, or common law, except claims relating to treaties between the United States and the Suguamish and Muckleshoot Indian Tribes, for (1) natural resource damages within the covered area, including the costs of assessing natural resource damages; and (2) reimbursement of response costs incurred or to be incurred by any Trustee (as defined below) with respect to its claims for natural resource damages in the covered area, that could have been adjudicated had United States v. City of Seattle and Municipality of Metropolitan Seattle, Cause No. C90-395WD, W.D. Wash. (Mar. 19, 1990), been prosecuted to final judgment; "covered matters" shall also include any civil or administrative liability to the United States, the Suquamish Indian Tribe, the Muckleshoot Indian Tribe and the State of Washington for any

> U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

CONSENT DECREE - 10

1

2

3

4

5

7

8

9

11

12.

13

15

16

17

18

19

20

22

23

25

26

27

Management Standards, Chapter 173-204 WAC.

- c. "Habitat development" includes acquiring living natural resources for the purpose of habitat restoration and replacement and any program, technique, method, or other means of creating or enhancing aquatic or benthic habitat in the Duwamish River or Elliott Bay.
- d. "Natural resource damages" means damages for injury to, destruction of, or loss of any and all natural resources caused in whole or in part by releases of hazardous substances into the environment.
 - e. "Sediment remediation" includes, but is not

26

25

15

16

17

18

19

20

21

22

23

27

20 |

CONSENT DECREE - 11

limited to, any program, technique, method, or other means of dredging, removing, cleansing, isolating, immobilizing, bioremediating, capping, or containing sediments beneath the waters of the Duwamish River and Elliott Bay that contain hazardous substances.

- f. "Source control" means any program, technique, method, or other means of restricting or eliminating the discharge or other release of hazardous substances into Metro's and the City's CSO and/or storm water outfall systems.
- g. "Trustees" means NOAA, Interior, Ecology, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe.

DISTRICT COURT REGISTRY ACCOUNT

4. a. Metro and the City shall, pursuant to the schedules and terms set forth herein, pay all financial contributions under this Consent Decree by certified or bank check. Each such check shall include on its face a statement that it is a payment for natural resource damages in Civil Action No. C90-395WD (W.D. Wash.), and, with the exception of those funds identified in paragraph 32 below, shall be sent to:

Office of the United States Attorney 3600 SeaFirst Fifth Avenue Plaza 800 Fifth Avenue Seattle, Washington 98104

The U.S. Attorney shall immediately deposit such funds with the Registry of the Court. The party making payment shall cause copies of each check and of any transmittal letter accompanying

- b. The Registry of the Court shall administer all amounts paid for natural resource damages under this Decree in an interest-bearing account ("Registry Account" or "Account") as provided in the Order Directing the Deposit of Natural Resource Damages Into the Registry of the Court ("Deposit Order") issued by this Court pursuant to Rule 67 of the Federal Rules of Civil Procedure, 28 U.S.C. § 2041, and Rule GR 6 of the Rules of the United States District Court for the Western District of Washington. The Deposit Order shall be attached to this Decree.
- c. All funds and all interest accrued thereon in the Registry Account shall be held in the name of the "Clerk, United States District Court," for the benefit of the Trustees. Monies in the Registry Account may be used to fund the planning, implementing, and overseeing of actions to restore, replace, or acquire the equivalent of natural resources that have been injured, destroyed, or lost as a result of the release of hazardous substances into the environment in the covered area, in accordance with 42 U.S.C. § 9607(f)(1). The Panel shall use all interest earned on funds paid into the Account for sediment remediation only for expenses of project implementation for

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E Seattle, Washington 98115-0070

CONSENT DECREE - 13

sediment remediation and all interest earned on funds paid into the Account for habitat development only for expenses of project implementation for habitat development. All disbursements from the Registry Account shall be made by order of the Court in accordance with the provisions of 28 U.S.C. § 2042. Applications for disbursement orders may be made only by the United States on behalf of, and with the approval of, the Panel.

d. Notwithstanding the third sentence of paragraph 4(c), the Parties agree that \$800,000 of interest accrued on funds paid into the Account for sediment remediation and/or habitat development may be spent on expenses of planning and design support as defined in paragraph 10(b). The parties further agree that additional accrued interest may be used for such planning and design support by unanimous written agreement of the parties, without the necessity for further Consent Decree amendments.

PROJECT AND ACCOUNT MANAGEMENT

5. A panel of managers ("Panel" or "Managers") shall be formed to direct the source control, sediment remediation and habitat development project activities contemplated herein to be performed utilizing funds deposited in the Registry Account. The Panel shall consist of the following groups: (a) NOAA and Interior, for the United States; (b) Ecology, for the State of Washington; (c) the Suquamish Indian Tribe; (d) the Muckleshoot Indian Tribe; (e) Metro; and (f) the City. The Panel shall have

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E.

Seattle, Washington 98115-0070

- Each member group of the Panel, as identified in the 6. preceding paragraph, may as necessary select in what ever manner it deems appropriate one or more representatives from its respective agencies or subgroups to serve collectively as its Manager. Irrespective of the number of representatives from any group, each of the groups identified in the preceding paragraph shall have only a single vote on the Panel.
- 7. The terms in this paragraph shall apply only if the Suguamish Indian Tribe, the Muckleshoot Indian Tribe and the State of Washington all choose to continue their consent to this Decree and to participation in this settlement. The Parties to 14 this Decree expect and intend that most issues for decision by 15 the Panel will be based upon objective criteria, and that most decisions will be based on consensus. Where no consensus is achieved, except as provided in paragraph 30 of this Decree, the Panel will decide the issue by vote, with each member having one vote, and the majority prevailing. The position of the majority of the Trustees will prevail in the event of a tie vote. The position of the United States will prevail in the event of a tie vote in which the Trustees are evenly split. Any party may, 22 | within thirty (30) days of notification of the results of voting, petition the Court for review of any decision. The petitioner shall bear the burden of proving that the decision is

27

25

2

3

4

5

6

7

8

10

11

13

17 |

18

20 h

21 |

23

24

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E.

Seattle, Washington 98115-0070

- The terms in this paragraph shall apply only if one or more Trustees exercise their right to withdraw pursuant to paragraph 53 of this Decree. Following entry of this Decree, the Panel shall establish procedures for making decisions. Such procedures shall conform to the following requirements: (a) decisions shall if possible be based on consensus; (b) the structure for deciding any issue by vote shall allow each group to have a true voice in the process; (c) deference shall be given to decisions by a majority of the trustee groups, even if they are not in the numerical majority of the Panel on a given issue; (d) any arrangement that would allow a group or groups to deadlock voting shall be avoided; and (e) any aggrieved party shall have the right to petition the Court for review of any decision by the Panel. The Panel may adopt in the form of bylaws any additional decision making procedures it deems necessary. the Panel fails to establish decision making procedures, which conform to the requirements herein, within ninety (90) days of entry of the Decree, any party to this Decree may immediately petition the Court to establish such procedures.
- For the purposes of this Decree, the Panel has the authority to:
 - a. Establish such procedures and practices as are

3

4

5

6

7

8

9

10

11

12

13

14

15

16

17

18

19

20

21

22

23

24

25

U.S. Department of Justice Environmental Enforcement Section c/a GC-DOI DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

27

CONSENT DECREE - 17

necessary to the operation and deliberations of the Panel, including, but not limited to, provisions for collecting and disseminating information, convening and conducting meetings, and resolving disputes;

- b. Gather data in Elliott Bay and the Duwamish River regarding damages to natural resources occasioned by releases of hazardous substances into the environment that have resulted in injury to, destruction of, or loss of natural resources;
- c. Plan projects for sediment remediation and habitat development in the covered area;
- d. Establish source control goals to protect natural resources and prevent recontamination of sites selected for sediment remediation or habitat development in the covered area;
- e. Review and comment upon actions proposed by Metro and the City to achieve the Panel's source control goals, determine if such actions are likely to achieve the Panel's goals, and direct Metro and the City to take such actions approved by the Panel;
- f. Coordinate and provide for the dissemination of information to the public on the selection and design of sediment remediation and habitat development projects;
- g. Ensure the collection from, and dissemination to, each group that is a member of the Panel all information necessary to an informed discussion and resolution of all issues related to sediment remediation, habitat development and source

control;

10 |

- h. Decide all issues related to selecting study activities and other data gathering efforts, and to selecting, planning, and managing sediment remediation and habitat development projects, including establishing performance standards and contingency plans for habitat development projects;
- i. Develop guidelines for establishing the reasonable and necessary reimbursable costs of salary and travel incurred by the Trustees for their participation in the activities of the Panel and of the technical working groups, formed pursuant to paragraph 15 of this Decree; and
- j. Perform any other activity specifically provided for elsewhere in this Decree or as directed or approved by the Court.
- No action of the Panel may be inconsistent with the Trustees' duties and responsbilities under 42 U.S.C. § 9607.
- 10. a. The parties to this Decree agree that the funds paid by Metro and the City into the Registry Account shall be used only for sediment remediation and habitat development, as defined herein, and for expenses of Panel functions support and planning and design support as specified below. No more than two million dollars (\$2,000,000) shall be spent on expenses of Panel functions support. The Panel shall apportion such expenses between the sediment remediation and habitat development programs. Expenses of Panel functions support include, but are

CONSENT DECREE - 18

not limited to, salary and overhead for an administrative director; costs associated with administering the Registry Account; costs of public review and participation; costs of disseminating information; and costs of contracting for any services necessary to the accomplishment of any of said tasks. Expenses of Panel functions support also include the reasonable and necessary costs, as determined on the basis of guidelines established by the Panel, associated with participation by personnel of the Trustees in Panel meetings and deliberations and technical working groups, including salary and travel, provided that such costs are not otherwise chargeable to Metro or the City in connection with the review of any required permit, application or other approval.

(\$3,000,000) shall be spent on expenses of planning and design support except as described in paragraph 4(d), and except that unspent funds from the two million dollars (\$2,000,000) authorized for Panel functions support under paragraph 10(a) may, through the Panel's budget process, be reallocated to planning and design support. The Panel shall apportion such expenses between the sediment remediation and habitat development programs. Expenses of planning and design support include, but are not limited to, costs of studies needed to set goals and establish priorities for sediment remediation, habitat development, and source control projects; costs of analysis as

17 l

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

required for comparison of candidate sites and site selection; costs of site characterization as required to support detailed technical/-engineering studies; costs of project design, specifications, selection of equipment, materials, and procedures; costs associated with NEPA/SEPA review, analysis, and reporting; costs associated with permitting; costs of selection of monitoring parameters and design of monitoring programs; costs of technical support for the Suquamish and Muckleshoot Indian Tribes; final report preparation; and costs of contracting for any services necessary to the accomplishment of any of said tasks.

- c. The remaining funds paid by Metro and the City into the Registry Account, plus any sums not expended pursuant to the preceding two subparagraphs, shall be spent on expenses of project implementation. Expenses of project implementation include, but are not limited to, costs of all on-the-ground operations, including acquiring, dredging, capping, filling, contouring, placing, removing, transporting, treating, or disposing of materials, other construction requirements, and planting of vegetation; construction management and inspection; costs of monitoring for the purpose of making project adjustments and determining whether project success has been achieved; acquiring sites for sediment remediation; and contracting for any services necessary to the accomplishment of any of said tasks.
 - 11. The Panel shall provide to Metro and the City within

U.S. Department of Justice

Environmental Enforcement Section
c/o GC-DOJ DARC
7600 Sand Point Way N.E.
Seattle, Washington 98115-0070

one hundred twenty (120) days of entry of this Decree an annual budget for the calendar year 1992. By March 31 of each year prior to a year in which Panel activities are contemplated, the Panel shall provide to Metro and the City an annual budget for the following calendar year (e.g., by March 31, 1992, for calendar year 1993, etc.). The Panel must consider in each year's budget any unspent funds from previous years and any unspent interest earned on funds in the Account. The Panel may include in each such budget a figure for contingency funds in an amount of up to ten percent (10%) of the total amount budgeted, so long as the sum of the total amount budgeted and the requested contingency fund does not exceed the annual maximums set forth in paragraphs 20 and 28 of this Decree.

11.5 The Panel has adopted a document titled "Elliott Bay/Duwamish Restoration Program Final Scope, Schedule and Budget" (copy attached hereto and incorporated by reference) which addresses actions and expenditures for the remainder of Panel activities. This document shall provide the basis for Panel activities, with further refinements or alterations to be 20 made through the annual budget process as provided in paragraph 11.

The Panel shall implement an accounting mechanism to track expenditures from the Registry Account. The Panel shall cause an accounting report of such expenditures to be made at least on an annual basis, which report shall be made available to

26

25

3

5

6

8

9

10

11

12

13

14

17

18

21

22

23

24

27

28 CONSENT DECREE - 21

all members of the Panel.

2

3

4

5

6

7

8

9

10

11

12 |

13

14

15

16

17

18

19

20

21

22

24

25

26

27

Except as provided in paragraph 34 regarding source control efforts, the Panel may allow Metro and the City, if either of them so chooses, to fulfill their respective financial obligations by providing in-kind services. By September 30 of each year beginning in 1992 and ending in 1996, Metro or the City or both of them shall submit to the Panel a proposal describing those tasks or portions of tasks, identified in the budgets prepared pursuant to paragraph 11 of this Decree, that Metro or the City or both of them propose to perform utilizing in-kind services. The proposal shall identify by grade, title, salary and level of benefits the employees who are to perform the specified services, and shall provide an employee-specific analysis of the work to be performed and the value of that work, including allied costs. The Panel may accept any such proposal in its entirety or, to the extent practicable, may accept a portion of a proposal and not accept other portions. As a condition of acceptance of such a proposal, the Panel shall specify such conditions as are necessary to insure adequate oversight by the Panel of the services to be provided and appropriate coordination with the efforts of contractors and others. The Panel shall notify Metro and the City in writing of its decision and shall specifically identity the tasks, identified in the budget the Panel has approved, to be performed through in-kind services and those to be performed through cash

> U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

payments, with a specific cost allocation to each. Within ninety (90) days after the close of each calendar year in which such in-kind services have been provided, Metro and the City shall cause an accounting of such services to be prepared and made available to all members of the Panel.

The Panel may elect to delegate the day-to-day administrative affairs of the Panel to an administrative director. Such an administrative director ("Director") shall be qualified to perform all the tasks delegated to him/her by the Panel and shall have only that authority specifically delegated to the Director by the Panel. The Panel shall not delegate to the Director the authority to disburse, expend, obligate, or otherwise use funds from the Registry Account or perform any task 14 of the Panel as set forth in paragraph 9 of this Decree. Panel may direct that an account be established into which the Panel may have funds placed for the day-to-day affairs of the Panel. The Director may at his/her discretion disburse, expend, obligate or otherwise use any funds placed into such an account for the reasonable and necessary expenses incurred in performing the administrative tasks assigned to the Director by the Panel. The Director shall provide to the Panel in writing on a quarterly basis a report of his/her activities and an accounting of all of his/her expenses for that quarter. The Director shall serve at the will and discretion of the Panel, and shall not, solely as a consequence of his/her service as Director, be considered an

26

27

1

2

4

5

6

10

11

13

15 l

19 1

20 l

22 l

23

24

25

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

The Panel may establish one or more technical working groups to assist the Panel in planning and designing sediment remediation and habitat development projects and in establishing goals regarding Metro's and the City's source control programs. The Panel shall give each of the following entities the opportunity to participate in any such working group: NOAA, Interior, EPA, the U.S. Army Corps of Engineers, the Muckleshoot Indian Tribe, the Suquamish Indian Tribe, the Washington Department of Ecology, the Washington Department of Fisheries, the Washington Department of Wildlife, the Washington Department of Natural Resources, the Washington Department of Health, the Port of Seattle, Metro, the City, and the Seattle-King County Department of Health. The Panel may also allow in any such working group other qualified individuals. All participants in any such working group shall be capable of contributing particular expertise applicable to that working group's tasks. The Panel shall decide the manner in which any such working group will perform its tasks and shall provide sufficient oversight to ensure that the terms of this Decree are achieved. The Panel may for any such working group disburse, expend, obligate, or otherwise use funds from the Registry Account, but such funds

26

1

2

3

4

5

6

8

9

10

11

12

13

15

16

17

18

19

20

21

22

23

24

27

28 CONSENT DECREE - 24

CONSENT DECREE - 25

shall be used only for the reasonable and necessary administrative and clerical expenses of any such working group. Except as provided in paragraph 10(a) regarding the participation of the Trustees, no member of a working group shall in any way receive directly or indirectly from the Registry Account any salary or travel expenses for his/her participation in such a working group.

- 16. The Panel shall provide to the Suquamish Indian Tribe and to the Muckleshoot Indian Tribe sufficient funds to support for each tribe one full-time equivalent (1.0 FTE) of technical support annually for 1992 through 1997. The Tribes shall use such funds only for technical support related to the source control, sediment remediation and habitat development programs conducted pursuant to this Decree.
- 17. The Panel shall cause to be erected or placed in a prominent location a placard or sign to commemorate each sediment remediation or habitat development project performed under this Decree. Any such placard or sign shall indicate the financial contributions of Metro and the City and the participation of these Trustees.
- 18. The Panel shall provide for public participation in the process by which the Panel selects and designs sediment remediation and habitat development projects. Public participation includes, but is not limited to, public review pursuant to any required environmental review, and public review

REMEDIATION OF SEDIMENTS

- 19. Metro and the City each agree to pay into the Registry Account established under paragraph 4 of this Decree:
 - a. The sum of six million dollars (\$6,000,000); or
- b. As permitted by the Panel pursuant to paragraph 13, a sum of funds that in combination with in-kind services has a total value of six million dollars (\$6,000,000), to be applied to the costs of sediment remediation. The Panel shall use these funds and services only for sediment remediation, which shall include administering, planning, designing, implementing, and monitoring the results of sediment remediation projects, in Elliott Bay and the Duwamish River, except as specifically provided in paragraph 22 of this Decree. The sums provided for herein shall be paid in accordance with paragraphs 20 and 21 of this Decree.
- 20. This Decree obligates Metro and the City each to pay only up to the following amounts in each of the identified calendar years for the costs of sediment remediation, except as otherwise provided for in this paragraph:

```
1992 - $ 500,000 - Five Hundred Thousand Dollars;
```

1993 - \$1,000,000 - One Million Dollars;

1994 - \$1,500,000 - One Million Five Hundred Thousand Dollars;

1995 - \$1,500,000 - One Million Five Hundred Thousand Dollars;

1996 - \$1,500,000 - One Million Five Hundred Thousand Dollars; and

1997 - Balance of Six Million Dollar contribution.

If Metro's or the City's annual payment in any given year is less

25 26

1

2

3

4

5

6

7

8

10

11

13

14

15

16

17

18 II

19

20

21

22

23

24

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

27

13

14

15

16

17

18

19

20

21

22

23

24

25

26

27

than that year's annual maximum, its annual maximum in the successive year may be increased by the difference between the annual maximum and the annual payment from the preceding year. Metro and the City may at their discretion waive any one or all of their respective annual maximums by increasing the amount paid. Any such payments in excess of the amounts shown above shall in no way increase the sum total of amounts to be paid by either Metro or the City beyond its respective six million dollar (\$6,000,000) obligation.

- Metro and the City agree to each pay a minimum sum of one hundred fifty thousand dollars (\$150,000) into the Account on January 15 and on July 15 in each of the years 1992, 1993, 1994, 1995 and 1996 for funding costs of sediment remediation. Such payments shall constitute partial payment of the maximum amounts as set forth in paragraph 19 of this Decree. Metro and the City shall pay any additional amount for sediment remediation, over and above the minimum sum referenced herein, only as the Panel budgets for such expenses. Metro and the City shall pay any such additional amount into the Account on January 15 of the calendar year for which the Panel plans to incur such an expense.
- The Panel may use funds paid into the Account for sediment remediation for expenses of habitat development, including costs of monitoring, if such habitat development is incidental to sediment remediation projects, or is specifically required as conditions of permits for sediment remediation

U.S. Department of Justice Environmental Enforcement Sectionc/o GC-DOJ DARC 7600 Sand Point Way N.E.

Seattle, Washington 98115-0070

- 23. The Panel shall, to the greatest extent practicable, select sites for sediment remediation projects that are geographically and physically associated with Metro or City CSOs or storm drain outfalls.
- 24. The Panel shall use, if available, Ecology's list of sites requiring sediment cleanup as a basis for selecting sites for sediment remediation projects under this Decree, but shall not be bound by any priorities developed by Ecology for addressing the list of sites. Metro and the City shall provide to Ecology all information in their possession useful and relevant to Ecology's hazard assessment of station clusters of potential concern.
- 25. For each sediment remediation project, the Panel shall conduct a site cleanup study, determine the site-specific cleanup standard, and select a site cleanup action. In no event shall the Panel set a site specific cleanup standard for a project that is less stringent than the minimum cleanup level as set forth in the State of Washington's Sediment Management Standards,

 Chapter 173-204 WAC, as that standard exists at the time the Panel selects a project. In establishing site-specific cleanup standards, the Panel shall, consistent with the purposes of this Decree, set a cleanup objective of no adverse effects pursuant to

3

4

5

б

7

8

11

12

13

14

15

16

17

21

22

23

24

25

27

28 CONSENT DECREE - 28

26. The Panel may grant Metro and the City credit against their respective financial obligations under paragraph 19 for the Pier 53 sediment remediation project, so long as the site would otherwise have been on Ecology's list of sites requiring sediment cleanup, the site would otherwise have been selected as a site for sediment remediation by the Panel, and the level of remediation meets the cleanup standard selected by the Panel for that site. If the Panel decides to grant credit, and after review of detailed operational and financial information regarding this project, the Panel shall determine the amount of credit to be applied.

HABITAT DEVELOPMENT AND REAL ESTATE ACQUISITION

- 27. Metro and the City each agree to pay into the Registry Account, established under paragraph 4 of this Decree:
- a. The sum of two million five hundred thousand dollars (\$2,500,000); or
- b. As permitted by the Panel pursuant to
 paragraph 13, a sum of funds that in combination with in-kind
 services has a total value of two million five hundred thousand

26

7

8

11

14

15

18

19

21

22!

23

24

25

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

27

dollars (\$2,500,000), to be applied to the costs of habitat development. The Panel shall use these funds and services only for habitat development, which includes acquiring living natural resources for the purpose of habitat restoration and replacement and administering, planning, designing, constructing, and monitoring the results of habitat development projects, in Elliott Bay and the Duwamish River. Solely for the purposes of habitat development, the Panel may consider the Duwamish River to include tributaries to the Duwamish River. The sums provided for herein shall be paid in accordance with paragraphs 28 and 29 of this Decree.

28. This Decree obligates Metro and the City each to pay only up to the following amounts in each of the identified calendar years:

```
1992 - $200,000 - Two Hundred Thousand Dollars;
1993 - $200,000 - Two Hundred Thousand Dollars;
1994 - $500,000 - Five Hundred Thousand Dollars;
1995 - $800,000 - Eight Hundred Thousand Dollars;
1996 - $800,000 - Eight Hundred Thousand Dollars; and
1997 - Balance of Two Million Five Hundred Thousand Dollar contribution.
```

If Metro's or the City's annual payment in any given year is less than that year's annual maximum, its annual maximum in the successive year may be increased by the difference between the annual maximum and the annual payment from the preceding year. Metro and the City may at their discretion waive any one or all of their respective annual maximums by increasing the amount paid. Any such payments in excess of the amounts shown above

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

28 CONSENT DECREE - 30

- 29. Metro and the City agree to each pay a minimum sum of sixty-two thousand five hundred dollars (\$62,500) into the Account on January 15 and on July 15 in each of the years 1992, 1993, 1994, 1995 and 1996 for funding costs of habitat development. Such payments shall constitute partial payment of the maximum amounts as set forth in paragraph 27 of this Decree. Metro and the City shall pay any additional amount for habitat development, over and above the minimum sum referenced herein, only as the Panel budgets for such expenses. Metro and the City shall pay any such additional amount into the Account on January 15 of the calendar year for which the Panel plans to incur such an expense.
- 30. In addition to the contribution specified in paragraph 27 of this Decree, Metro and the City each shall make permanently available real property with a value of up to two million five hundred thousand dollars (\$2,500,000) for use as sites for habitat development projects selected by the Panel. Metro and the City each shall receive credit toward its respective maximum obligation under this paragraph for any donation by Metro or the City of any right of access, lease, easement, fee title, or any other real property interest, sufficient to permanently secure a site for any habitat

27

3

4

5

11

12

13

14

16

171

18 l

19 li

20

21

23

24

25

28 CONSENT DECREE - 31

development project under this Decree. The Panel shall attempt to determine by consensus the value of any property interest made available pursuant to this paragraph. If the Panel cannot so determine the value of any such property, then the value of the property shall be determined by the following procedure. Trustees and donor of the property shall each retain or select a qualified real estate appraiser to determine the value of the property. Within sixty (60) days thereafter, the two appraisers shall attempt in good faith to reach agreement on the value of the donated property. If these appraisers cannot agree, then they shall within thirty (30) days select a third appraiser. This third appraiser shall determine within thirty (30) days which of the two appraisals most closely approximates the value of the selected property and he or she shall select that appraisal value as the value of the donated property. All appraisers retained or selected shall be competent, impartial and members of the American Institute of Real Property Appraisers (or successor association or body of comparable standing). parties agree that the value established by this procedure shall be final, and there shall be no further review or appeal. Full public access to such areas shall be preserved to the maximum extent practicable, except as restrictions are necessitated by construction activities.

31. The Panel shall, to the greatest extent practicable consistent with the goal of creating or enhancing aquatic or

26

11

13 |

141

16 l

17

19

20

21

22

23

24

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

27

28

benthic habitat for natural resources, select sites for habitat development projects that are geographically and physically associated with existing public facilities, such as parks and fishing piers, in Elliott Bay and the Duwamish River.

32. Metro and the City each agree to pay NOAA the sum of one hundred twenty-five thousand dollars (\$125,000) within sixty (60) days of entry of this Consent Decree to reimburse NOAA for the costs of natural resource damage assessment and habitat restoration planning for Elliott Bay and the Duwamish River incurred prior to the entry of this Decree. NOAA will provide Metro and the City with documentation describing the manner in which the funds are applied.

SOURCE CONTROL

33. The Fanel shall establish source control goals to protect natural resources and prevent recontamination of sites selected for sediment remediation or habitat development in the covered area. Metro and the City shall determine for their respective source control programs what actions or changes, if any, are needed in addition to, or from, their ongoing source control programs to achieve such goals. Metro and the City shall propose such additional actions or changes to the Panel for its review, comment and approval. Metro and the City shall then take such actions approved by the Panel. The Panel shall not require Metro and the City to use or undertake any type or manner of source control that is beyond Metro's and the City's authority,

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E.

Seattle, Washington 98115-0070

or otherwise inconsistent with law.

34. Metro and the City each shall make available in-kind services with a value of up to one million dollars (\$1,000,000) to cover the costs of the additional actions or changes needed to achieve the Panel's goals and to monitor the effectiveness of such source control efforts. Metro and the City each may fulfill its entire and respective obligation under this paragraph by providing in-kind services. Within ninety (90) days after the close of each calendar year in which such in-kind services have been provided, Metro and the City shall cause an accounting of such services to be prepared and made available to all members of the Panel.

INDEPENDENT CONTRACTOR

35. It is understood and agreed that Metro, the City, and the agents, officers, employees, and contractors of either of them, in the performance of the work and services provided under this Decree as in-kind contributions shall act as independent contractors and not as agents or employees of any other party to this Decree.

COVENANTS NOT TO SUE

36. Except as specifically provided in paragraphs 39 and 40, the United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe covenant not to sue or to take any other civil or administrative action against the City or Metro for covered matters.

23 |

CONSENT DECREE - 34

11

12

15

16 17

18

19

20 | 21 |

22 ¹ 23

24

25

26 27

28

CONSENT DECREE - 35

- 37. Except as specifically provided in paragraph 41, the City and Metro hereby covenant not to sue or to take any other civil or administrative action against the United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe for any claims relating to or arising from the filing of the United States' complaint referenced herein, the conduct of this litigation, including but not limited to any claims for contribution or indemnification, and the negotiation, terms, approval, and implementation of this Consent Decree.
- 38. These covenants not to sue and the following reservation of rights shall take effect upon entry of this Consent Decree by the Court, subject to the parties' rights to void the Consent Decree pursuant to paragraph 54 if the Court declines to approve the Consent Decree as presented. These covenants not to sue remain in effect so long as the City and Metro are fulfilling or have fulfilled their obligations under this Consent Decree.

RESERVATION OF RIGHTS

39. Notwithstanding any other provision of this Consent
Decree, the United States, the State of Washington, the Suquamish
Indian Tribe and Muckleshoot Indian Tribe reserve the right to
institute proceedings against Metro and the City in this action
or a new action for the following claims: (a) claims for
recovery of natural resource damages in the covered area based on

conditions resulting from a release of hazardous substances from 2 the CSO and/or storm water outfall systems after the effective date of this Consent Decree and that are actionable under treaty, federal, state or tribal law; (b) claims based on a failure by Metro or the City to satisfy requirements of this Consent Decree: and (c) claims for criminal liability.

- 40. Notwithstanding any other provision of this Consent Decree, the State of Washington reserves its right to institute proceedings against Metro and the City for claims pursuant to the Model Toxics Control Act, Chapter 70.105D RCW, based, in whole or in part, on factors not known at the time of entry of this Consent Decree that indicate a previously unknown threat to human health or the environment.
- 41. Notwithstanding any other provision of this Consent Decree, Metro and the City reserve the right to institute proceedings against the United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe for the following claims: (a) claims based on a failure by the United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe to fulfill their obligations under this Decree; and (b) claims based on a challenge to any decision by the Panel. Metro's and the City's reservations of rights pursuant to this paragraph do not include claims against the Trustees for monetary relief. Nothing in this paragraph is intended to constitute a waiver of any sovereign

26

27

5

6

7

8

Q

10

11

12

13

14

15

16

17

18

19

20

22

23

24

25

28 CONSENT DECREE - 36

The United States' consent to this Decree and participation in this settlement is solely on its own behalf and not as a trustee for any Indian Tribe.

CONTRIBUTION PROTECTION

- The United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe acknowledge and agree that the payments to be made and commitment of work by Metro and the City pursuant to this Decree represent a good faith settlement and compromise of disputed claims and that the settlement represents a fair, reasonable and equitable discharge of liability for covered matters. Metro and the City shall have the benefits of Section 113(f) of CERCLA, 42 U.S.C. § 9613(f), and any other applicable statute or other law limiting or extinguishing their liability to persons not a party to this Decree or affording them rights of contribution or other rights to recover from such persons costs or damages.
- The United States, the State of Washington, the Suquamish Indian Tribe and the Muckleshoot Indian Tribe certify that the payments to be made and the work to be undertaken by Metro and the City pursuant to this Decree will be appropriate actions necessary to protect and restore the natural resources allegedly damaged by the release by Metro and the City of hazardous substances in the covered area and that the payments and work satisfy the requirements of Section 122(j)(2) of CERCLA,

26

25

1

2

3

4

5

6

11

12

14

15

16

17

18

19

20

21

27

CONSENT DECREE - 37

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

1

3

5 6

7

9

10

11

13

14

15

16

17 18

19

20

2122

23

25

26

27

CONSENT DECREE - 38

GENERAL

- 45. If for any reason the Court should decline to approve this Consent Decree in the form presented, any statements made in negotiation and the terms herein may not be used as evidence in any litigation or administrative proceeding.
- 46. This Consent Decree shall not be construed in any way to relieve the parties to this Decree or any other person or entity from the obligation to comply with any federal, state or local law.
- 47. This Consent Decree does not relieve or otherwise satisfy any obligation or liability of any person or entity not party to this Decree.
- 48. The Consent Decree may be executed in any number of counterparts and each executed counterpart shall have the same force and effect as an original instrument.
- 49. Each undersigned representative of the parties to the Consent Decree certifies that he or she is fully authorized to enter into the terms and conditions of the Consent Decree and to legally execute, and bind such party to, this Consent Decree.

MODIFICATION

50. The terms of this Consent Decree may be modified only by a subsequent written agreement by all of the parties signatory hereto, and approved by the Court as a modification to this Consent Decree.

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

13 II

14 |

51. If a court of competent jurisdiction finds unlawful any provision of this Consent Decree, including subparagraphs a-c of paragraph 4, the parties shall return the Decree to the Court for reformation consistent with the intent of the parties at the time they lodged the Decree with the Court.

PUBLIC COMMENT

- 52. This Decree will be subject to a 30-day public comment period in accordance with Section 122(d)(2) of CERCLA, 42 U.S.C. § 9622(d)(2), and 28 C.F.R. 50.7. The United States reserves the right to withdraw its consent to the Decree if comments received disclose facts or considerations which show that the Decree is inappropriate, improper or inadequate. Metro and the City consent to the entry of this Consent Decree without further notice.
- Tribe and the State of Washington each reserve the right to withdraw their consent from this Decree and from participation in this settlement if comments received during the public comment period disclose facts or considerations which show that the Decree is inappropriate, improper or inadequate as to the Suquamish Indian Tribe, the Muckleshoot Indian Tribe and the State of Washington, respectively. To exercise its right to withdraw, each of these parties shall file with the Court a written statement expressly indicating its intent to withdraw. These parties must exercise their right to withdraw before the

']

CONSENT DECREE - 39

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Scanle, Washington 98115-0070 1 United States Department of Justice files its motion to enter this Decree with the Court. Withdrawal by any one or all of these parties shall not in any way affect the rights and obligations of any other party to this Decree. If any one or all of these parties withdraws, any and all references to such a party or parties in the Decree, except those in paragraphs L, M(3), 15, 24, 25 and 26, shall by implication be stricken from the Decree and shall have no meaning or bearing on the operation of any term of this Decree. Withdrawal by any of these parties shall not impose any obligation on any other party to also withdraw nor shall any inference be made as to the propriety of any other party's continued consent to this Decree and participation in this settlement. If either or both the Suquamish Indian Tribe or the Muckleshoot Indian Tribe withdraws, the continued participation by the United States in this settlement is not intended to nor shall it constitute a settlement or waiver of any rights under statute, treaty or common law of such Tribe or Tribes.

VOTDARTLITTY

If for any reason the Court should decline to approve this Decree in the form presented, this Decree and the settlement embodied herein shall be voidable at the sole discretion of any party and the terms herein may not be used as evidence in any litigation.

25

24

3

5

8

9 1

10

11

12

13

15

161

17

18

19

20

21

22

23

26

27

28

CONSENT DECREE - 40

U.S. Department of Justice Environmental Enforcement Section c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

CONSENT DECREE - 41

55. This Consent Decree shall be effective upon the date of its entry by the Court.

DENIAL OF LIABILITY

56. Metro and the City both deny each of the allegations of the complaint filed by the United States and further deny responsibility for the natural resources damages and any other costs or relief sought by the Trustees. The parties agree that actions undertaken by the City and Metro in accordance with this Consent Decree do not constitute an admission of any violation of treaty, federal or state law or an admission of any liability by the City or Metro to the United States, the State of Washington, the Suquamish Indian Tribe and Muckleshoot Indian Tribe. Nor shall this Consent Decree be used as evidence or as collateral estoppel against any party to this Decree in any action or proceeding other than an action or proceeding to enforce the terms of this Consent Decree.

RETENTION OF JURISDICTION

- 57. The Court shall retain jurisdiction of this matter for purposes of entering such further orders, direction, or relief as may be appropriate for the construction, implementation, or enforcement of this Decree.
- 58. By signature below, all parties consent to this Decree.

U.S. Department of Justice
Environmental Enforcement Section
c/o GC-DOJ DARC
7600 Sand Point Way N.E.
Seattle, Washington 98115-0070

For King County

Pam Bissonette

Seattle, WA 98104

400 Yesler Way, Room 700

King County Department of Natural Resources

Director

1 2

CONSENT DECREE - 42

4/26/99

U.S. Department of Justice Environmental Enforcement Section c/a GC-DOI DARC 7600 Sand Point Way N.E. Seanle, Washington 98115-0070

FOR THE CITY OF SEATTLE

City Attorney

Mark H. Sidran

City of Seattle Municipal Building, 10th Floor 600 Fourth Avenue Seattle, Washington

CONSENT DECREE - 43 april 19, 1999

U.S. Department of Justice **Environmental Enforcement Section** c/o GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

Suquamish Tribal Council 15838 Sandyhook Road

Suquamish, Washington 98392

Chairman

P.O. Box 498

CONSENT DECREE - 44

24 May 1999 Date

U.S. Department of Justice Environmental Enforcement Section & GC-DOJ DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

FOR THE MUCKLESHOOT INDIAN TRIBE

2
3
4 John Daniels, Ir

4/23/99

Chairman

Muckleshoot Indian Tribe 39015 172nd Avenue S.E. Auburn, Washington 98002

CONSENT DECREE - 45

U.S. Department of Justice Environmental Enforcement Section of GC-EOU DARC 7600 Sand Point Way N.E. Seattle, Washington 98115-0070

1	FOR THE STATE OF WASHINGTON
2	
3	Jun and 1/2 2/90
4	Jim Pendowski Date
5	Program Manager Toxics Cleanup Program
6	Washington Department of Ecology P.O. Box 47600
7	Olympia, Washington 98504-7600
8	
9	
10	Janya Barrett 4/19/99
11	Tanya Barnett Date Assistant Attorney General
12	Attorney General of Washington Ecology Division
13	629 Woodland Square Loop SE, Lacey P.O. Box 40117
14	Olympia, Washington 98504-0117
15	
16	
17	
18	
19	
20	
21	
22	
23	
24	
. !	

25

26

1	FOR THE UNITED STATES OF AMERICA
2	
3	1/16/5a
4	Lois J Schiffer Date Assistant Attorney General
5	Environment and Natural Resources Division
6	U.S. Department of Justice Washington, D.C. 20530
7	
8	J. Nin- 10/7/99
9	James L. Nicoll Date Date
0.	Environmental Enforcement Section Environment and Natural Resources Division
1	U.S. Department of Justice c/o NOAA GC/DOJ Damage Assessment Center
2	7600 Sand Point Way N.E. Seattle, Washington 98115-0070
3	
14	DNI: 1
5	Brian C. Kipnis Date
16	Assistant United States Attorney 3600 SeaFirst Fifth Avenue Plaza
17	800 Fifth Avenue
18	Seattle, Washington 98104
19	
20	
21	So ordered.
22	OC4. 13, 1899.
23	bellum L. Longer
24	
25	C.S. District Judge

U.S. Department of Justice Environmental Enforcement Section

> c/o GC-DOJ DARC 7600 Sand Point Way N.E.

Seattle, Washington 98115-0070

CONSENT DECREE - 47

27

ATTACHMENT

Elliott Bay/Duwamish Restoration Program Transition Management Plan

<u>Vision:</u> A Program Management Plan to provide for the efficient and successful implementation of the selected habitat development, sediment remediation and source control projects.

<u>Objective</u>: To efficiently manage the final steps to complete the implementation of the restoration, remediation, and source control projects identified under the Program.

Background: In a lawsuit against the City of Seattle and Metro (now King County), the National Oceanic and Atmospheric Administration (NOAA) alleged that the City and County had caused some injury to the natural resources of Elliott Bay and the lower Duwamish River by releasing hazardous substances from sewerage systems. The parties to the lawsuit agreed to cooperate in the formation of the Elliott Bay/Duwamish Restoration Program (Program). This agreement was embodied in a Consent Decree (United States, et al. v. City of Seattle and Municipality of Metropolitan Seattle, Case No. C90-395WD (W. D. Wash.)). The intent of this decree is to maximize benefits to the area's natural resources and residents by coordinating the actions of the Consent Decree parties and other governments and agencies. The Consent Decree provides for a combined maximum of \$24 million for sediment remediation, habitat development and pollution source control projects.

Program Goal: The primary goal of the Program is to restore natural habitat associated with combined sewer overflows and storm drains and remediate contaminated sediments in Elliott Bay and the lower Duwamish River.

Sediment remediation projects will each use one or more methods to remove or isolate contaminated sediments within the project area. Habitat development projects will include one or more methods to restore, replace, rehabilitate, or acquire the equivalent of estuarine habitat injured as a result of the release of hazardous substances. Source control efforts will be evaluated and amended to protect natural resources and prevent recontamination of project sites.

The Administration: The following groups and positions constitute the advisory, administrative, and managerial arms of the Program:

Elliott Bay/Duwamish Restoration Program Panel:

- * Establishes procedures;
- * Determines how funding will be spent;
- * Gathers data:
- * Identifies, plans and approves projects;
- * Establishes source control goals; and Reviews, comments on and approves proposals.

The Administrative Director:

- Maintains Administrative Record;
- * Responsible for day-to-day administrative management of the Panel;
- * Ensures all Panel documentation is sufficient to support claims for reimbursement.

The Public Participation Committee: Advises the Panel on opportunities for public involvement and education in all program activities.

The Budget Committee: Assists the Panel in analysis and evaluation of program finances.

The Habitat Development Technical Working Group: Advises the Panel on technical issues with respect to habitat development projects.

The Sediment Remediation Technical Working Group: Advises the Panel on technical issues with respect to sediment remediation projects.

Performance Monitoring:

Each project approved by the Panel will be assigned a project coordinator to facilitate successful completion of the project by the project manager. The project coordinator and the Panel will gauge the success and progress of each project based upon the following decision measures.

- Delivery of the specific items called for in the scopes and related contract documents;
- * Efficient use of time, funds, and resources;
- * Good quality;
- * Performance in a timely fashion;
- Performance within budget;
- * Completion of the projects; and
- * Meeting the goals of the program.

Roles and Responsibilities:

The Project Manager The project manger is responsible for ensuring that the entire scope of the project is completed within the specified schedule and budget. The project manager is also responsible for tracking the project in enough detail to provide monthly and quarterly progress reports to the project coordinator and Panel, respectively, and ensure that the rate of expenditure and progress towards completion is commensurate with the overall budget. As long as these conditions are met, the project manager is delegated the authority to make any and all day-to-day management decisions. Minor changes to the scope, schedule, and budget are authorized as follows:

Budget: Minor increases to the budget (less than 1/3 of the original contingency) are authorized, provided there are sufficient contingency finds to cover the expense and provided they are reported in the monthly report. Expenditures that exceed the contingency available, or which are likely to cause the contingency to be exceeded at some future date, cannot be made without Panel approval, because the Panel must identify a source of additional funds within the constraints of the Consent Decree.

Schedule: Minor changes in the schedule that do not extend the original schedule by more than three months are authorized. Proposed schedule extensions beyond three months must be authorized by the Panel in advance.

Scope: Minor increases in the scope of the project may be made by the project manager, provided that they can be accomplished without significantly affecting the schedule or the budget (see above), including safeguarding sufficient contingency for future elements of the project. Such increases in scope should be commensurate with the intent of the project and will generally arise from unanticipated circumstances (for example, encountering unexpected debris requiring removal during cleanup, cost savings in one part of a habitat restoration project allowing additional enhancement in other areas). Larger increases or changes to the scope of a project should be posed to the Panel for approval, along with an explanation of how they will be funded.

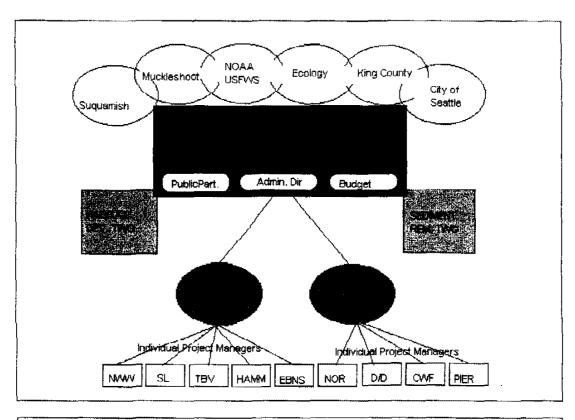
The project manager is not authorized to decrease the scope of a project without Panel approval. Decreases in the scope of permitted cleanup projects are generally not possible due to regulatory and permit requirements. The project manager is required to track the budgets of such projects in a timely manner to ensure that the remaining funds will be adequate to complete the entire scope. Since the project manager's agency will be the permit holder, that agency will be responsible for completing the project should the project manager not ensure that sufficient funds are available within the allocated Panel budget for that project.

Nothing in this plan prevents the project manager from taking any emergency action necessary to protect human health or the environment, or comply with permit conditions, due to unforseen events or conditions in the field. Under such circumstances, the project manager or field supervisor shall take such emergency actions as are necessary and shall notify the project coordinator at the earliest possible opportunity of the situation, as well as its potential impact on the schedule and budget. If necessary, the project coordinator will then convene the Panel at the earliest possible opportunity to discuss the situation and make such scope, schedule and budget adjustments as are necessary in a timely manner.

Project managers make written requests for payment (or in-kind credit) to the project coordinator who is responsible for reviewing, evaluating, and ensuring that all supporting documentation has been provided, and makes a recommendation to the Panel. The Panel then approves the submission, granting credit for in-kind services or reimbursement from the Court. Reimbursement requests are transmitted from the Administrative Director to the Department of Justice for approval by the Court.

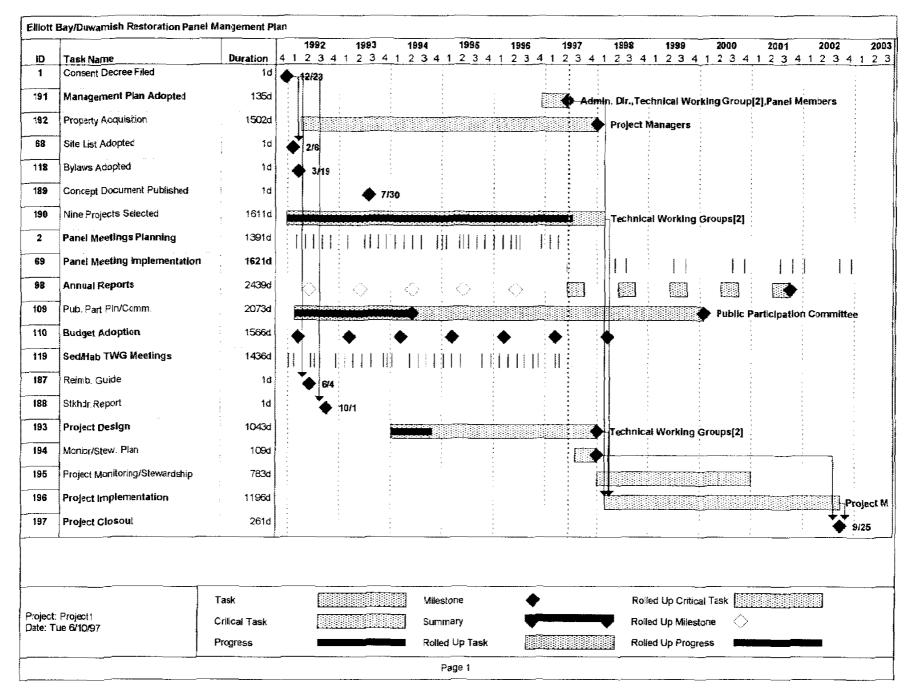
<u>The Project Coordinator</u>. The Project Coordinators provide both the administrative and technical oversight of project management. The general duties include:

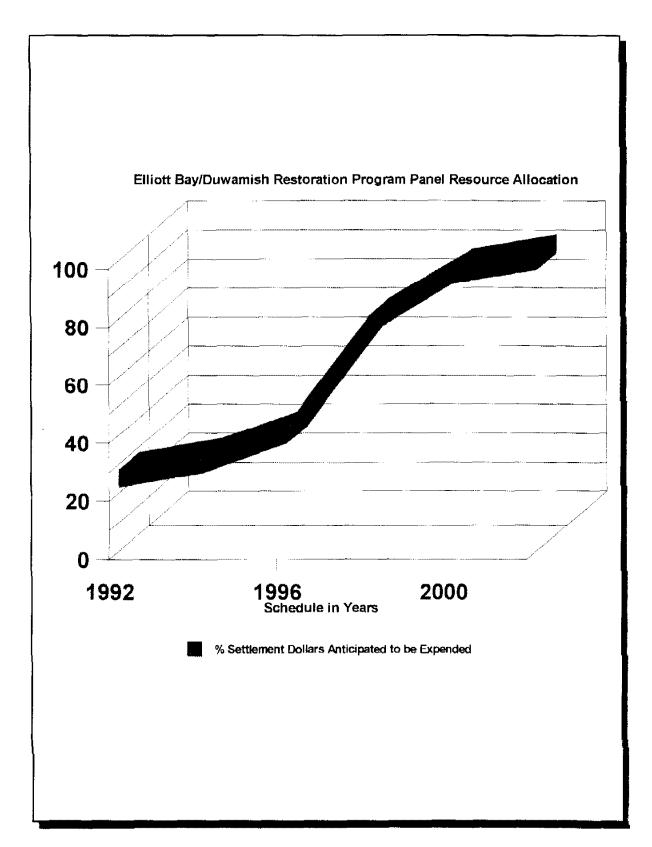
- * Serves as day-to-day liaison for the project manager, technical working groups, and Panel;
- * Serves as the initial reviewer of the progress of the projects and performance;
- * Responds to questions or situations which develop in the field, informing and providing recommendations to the Panel as appropriate;
- * Focuses and frames policy issues and decisions for the Panel consideration.



Elliott Bay / Duwamish Restoration Program Organizational Diagram

A-4





4.0 Project Descriptions:
A Summary of Scope, Schedule and Budget

Hastrast Development Budget

	Hebitet \$9	1002/3	1994	1995	1005	1907	1998	1999	1000+	Project Total
4	BEABOARD PROJECT		ļ							
	head Property							******************	***************************************	
	Site Analysis		50 000 00			122,500.00				1,22,500.00
-16	Land Acquisition Protect Management		50,000.00			2.116.000.00 31.000.00				31,000.00
	Real Property Subtotel	0.00	50,000,00	0.00	0.00	2,269,500.00		0.00	0.00	2,319,500.00
	Planning and Decion					244 522 22				214,500,00
	Constant Compliance			***************************************		214,500.00 65,000.00	,	·		85,000.00
	Project Management					73,530,00				73,530.00
!	Munning and Design Subtotal	0.00	0.00	0,00	0.00	353,030.00	0.00	0.00	0.00	353,030.00
4	mplementation									
کلہ.	Constituction Contract					1,500,000.00				1,500,000.00
	Project Management					178,000.00	L			178,000.0
+	Monitorina Stewardship					ļ	120,000,00			120,000.0
	mplementation Subtotal	0.00	0.00	0,00	0.00	1,676,000.00	120,000,00	0.00		1,788,000.0
	REABOARD PROJECT TOTAL	0.00		0.00				0.00	0.00	4,488,530.0
-		-								
+								***************************************		
+	NORTH WIND WIER						·····	***********		
ш	Real Property									
ļ	and Aquarkon					326,700.00				326,700.0
	Real Property Subjected Planning and Deelgn	0.00	0.00	0.00	0.00	328,700.00	0.00	0.00	0.00	326760.0
	the Arestrois				·····	32,742.00				32,742.0
	Destan					53,444,00		***		63,444.0
	Environmental Compliance				ļ	11,563.00				11,563.0
+	Project Management Planning & Geolyn Subcocki	0.00	U.UU	0.00	0.00	107,749,00	0.00	0.00	0.00	107,749.0
1	mplementation		5.50	7,20				2.00	2.50	- 1
	Construction Contract				ļ	299,900,00				299,600.0
+	Project Management Monitoring			 -		\$7.000.00	48,000,00			97,000.0 48,000.0
	Sie we rdehio				***************************************				,	9,000.0
h	mplymentation Subtotet	0.00	0.00	0.00	0.00	396,600.00	9,000.00 57,600.00	0.00	0.00	453,600.D
	NORTH WIND PROJECT TOTAL									988,049.D
+	CURINNG BASIN VICINITY			***************************************						***************************************
	Rear Proceety					<u> </u>				*****
	and Acquisition					225,000.00				225,000.0
4	Bite Analysis			,		13,500.00				33,500.0
₩,	Project Menapersers Real Property Subtotal	0.00	0.00	0.00	0.00	258,500.00	28,600.00 28,800.00	0.00	0.00	28,800,0 287,300.00
	Tenning and Devian		0.00	<u>,,,,,,</u>	0.00	200,500.00	20,500.00		0.00	207,000,00
	299iQ1	***************************************				72.967.00		***************************************		72,967,00
45	Permitting					27.000.00				27,000.00 28,400.0
H	Project Management Planning and Design Subjected	0.00	0.00	0.00	0.00	128,767.00	9.00	0.00	0.00	128,767.0
Ιī	mplementation									A (1999) - 1 -
	onstruction Contract				·		630,000.00	·····		530,000.0
К	Project Management Hanitoring	***************************************					14,400,00	100,000,00	***************************************	14,400,0 100,000,0
18	Stewerdship									
	mplementation Subtotal	0.00	0.00	0.00	0.00	0.00	544,400.00	100,000.00	0.00	\$44,400.0
+3	I.S.V PROJECT TOTAL									1,060,467.0
+	HTRORY HORTH			······						**************************************
	leal Property	***************	***							97.777
	ropusies					5,000 00	,		,,,,,,	
+	and Acquisition Real Property Subsetal	0.00	0.00	0.00	0.00	700,000.00		0.00	0.00	700,000.0
	Tanning and Deeks	0.00	0.00	9,00	Y Y Y	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	0.00	0.00	0.00	. 03, 309.00
1	ite Analysis/Design									0.00
-JE	Project Menegement					5,100.00				5,100.00
j,	Terming and Design Subjected	0.00	0.00	0.00	0.00	5,100.00	0,00	0.00	0.00	5,100.D
ш	mpiementation									
	onstruction Contract						300,000.00			300,000.0
	Project Managament			·	ļ			47,000.00		47,000.0 0.0
I	terre reinto									
	- promontetion Subtatal	0.00	0.00	0.00	0.00	0.00	300,000.00	47,000.00	0.00	
45	CITY LIGHT PROJECT TOTAL									1,057,100.0
+	LLIOTT BAY MEARSHORE									
	loci Property Subjected	0.00	0.00	0.00	0.00	0,00	0.00	0.00	0.00	0.0
Π	Tenning and Decign			<u> </u>				-		
14					*****					101,800.0
	Project Menagement	· · · · · · · · · · · · · · · · · · ·	·			2,600,00 24,800.00				2,600.0 24,800.0
	emitting		**			***	14,000,00			14,000.0
ŀ	Manning and Deelgn Subtotal	0.00	0.00	0.00	*****	68,000.00	14,000.00	14,000.00	0.00	143,000.0
1		}	}		 		<u> </u>	ļ		148
	m plamentation	1	<u> </u>		 	138 600 00 117,600.00		*** *********************************	***************************************	136,800.0
1000	Sometivelian Contract		1			+:::.vxx.vy	32,600.00			32,800.0
	Committeeten Contract Project Management Monitoring						32,000.00			
	Committeeten Contract Project Manuacement Monitorina Stewantiship								***************************************	
	Constructor Conunct Police Menagement Millering Stewartship Implementation Subtotal	0.00	8.60	6.60	0.00	256,400.00		0.00	0.00	289,000.0
	Committeeten Contract Project Manuacement Monitorina Stewantiship	0,00	8.60	6.00	0.00	256,400.00			0.00	289,000.0
	CONTRIVENCE PROJECT CONTRICE PRINCE MENDAMENT OF CHARLES OF CHAR	0.00	8.60	6.00	0.00	256,400,00			0.00	289,000.0 432,000.0 3,638,500.0
	Commission: Commission Profest Mediagement Monitoriae Stews miship Majementation Subtotal EB NEARSMORE PROJECT TOTAL	0.00	8.00	6.90	0.00	256,400.00			0.08	289,000.0 432,000.0

4.1 Habitat Development Projects

4.1.1 North Wind Weir:

Location/Description and Background:

King County, through the Department of Natural Resources' Water Pollution Control Division and the Department of Parks and Recreation and Cultural Resources would like to develop intertidal habitat along the Duwamish at the North Wind Weir site. The 3 acre site is part of the County's Green River Trail system and the openspace program to be used for habitat and openspace purposes. Improvements include trails, shoreline stabilization, plantings, construction of approximately one acre of intertidal area, and providing an interpretive feature highlighting the site's cultural significance to Native Americans. The Water Pollution Control Division would provide funding for design and construction and Parks through Kind County's Department of Construction and Facility Management would provide project management and development services.

The North Wind Weir Openspace is located along the Duwamish River at about 11004 West Marginal Place. The site is about 3.1 acres of openspace surrounding a bike trail at the present time. A restroom facility will be constructed during 1997. All housing has been removed from the site. There are some substantial trees which exist on site and would probably remain. The site consists of 500 linear feet of river frontage and ranges between approximately 6 and 15 feet above the low water mark along the river from south to north respectively.

Scope:

Goals:

1) The purpose of the project is to provide and enhance habitat. Specifically, the intent and the purpose of the project goals would:

2) Provide estuarine habitat and associated vegetative buffers for the henefit of fish

and wildlife resources.

3) Facilitate public understanding of and support for Duwamish River Habitat resources, and:

4) Improve understanding of estuarine habitat restoration methods.

Objectives:

The objectives and elements for the project include:

2) Providing interpretive/educational facilities for natural and cultural resources;

Implementing long-term monitoring to evaluate project results;

3) 4) 5) Documenting project performance relative to provisions of fish and wildlife habitat;

Meeting the success criteria for the function of an estuarine habitat;

6) Developing intertidal area(s) and providing vegetative buffers, and;

Providing for public access.

Benefits: The primary benefits would be the provision of an intertidal habitat design to assist migrating salmonids acclimate on their way downstream. The intertidal habitat design would also act as a catalyst for the promulgation of upland bird and animal species. Shoreline stabilization and selected plantings on the site and along the shoreline would substantially improve riparian conditions.

Performance Work Statement: Please see the draft North Wind Weir Project Budget which includes necessary tasks and associated schedule.

Schedule:

The project consists of a three-year design and development program and some form of monitoring plan and long term monitoring and maintenance program. The facility would be completed in 1999. Please see the draft North Wind Weir Project Budget which includes necessary tasks and associated schedule.

Budget:

Project costs have been allocated not to exceed \$925,649.00. Please see the draft North Project Budget which includes necessary tasks and associated schedule.

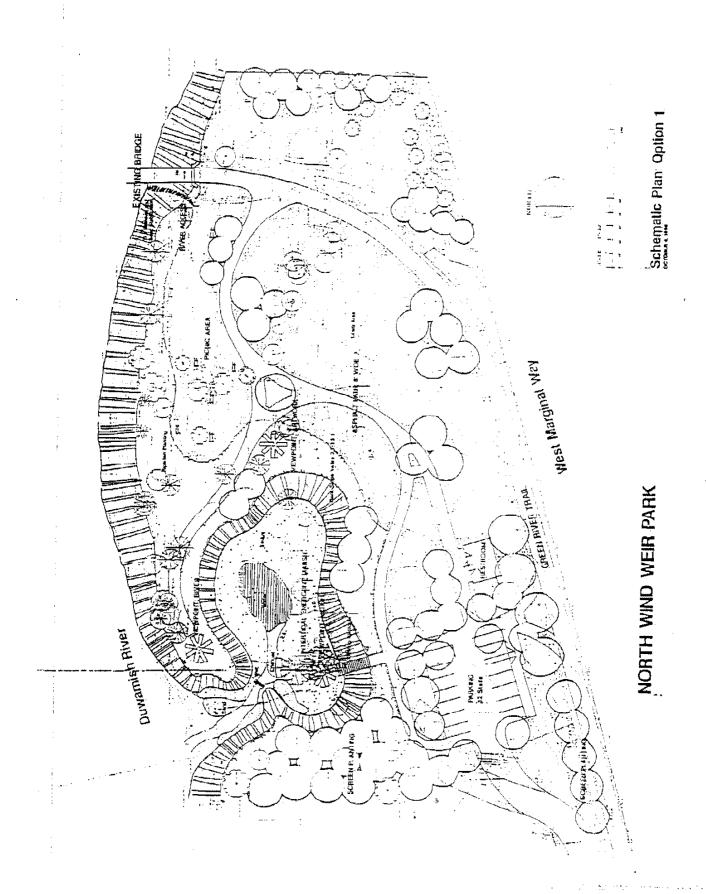
Dr		orth Wind Weir Project Bud	get									
Da	te:	10/9/96				·						
iD	TAS	K NAME	SCHEEUL			Y QUARTEI						
_		. / GO !!!!!	Start	Finish	To date	4th Qtr. 96	1st Qtr. 97	2nd Qtr. 97	3rd Qtr. 91	4th Qtr. 97	1st Qtr. 98	2nd Qtr. 98
_	511	E ACQUISITION									<u> </u>	
_	-	Land Purchase				#100 COO			<u> </u>			
—	11	Total				\$108,900			ļ		-	.
_	340	10(8)		<u> </u>					<u> </u>	ļ	 	
	PLA	NNING AND DESIGN							-		\ <u>-</u>	
		Predesign	8/1/96	2/28/97	\$1,800		·	l				
ī	Site	Analysis	1/15/97	2/28/97		- 						
2		Geotechnical analysis	1/15/97	2/28/97			\$10,742					
3		Contaminants survey	1/15/97	2/28/97			\$22,000					
	Des	gn and Review	9/15/96	2	1							
4	4	Schematic	9/15/96	1						<u> </u>		<u></u>
10	1	Draft Design Development	1/15/97	3/1/97	l		\$15,411	\$15,411	\$15,411			
		ironmental Compliance	5/1/97	9/1/97	1		.]	.			<u></u>	
15		SEPA/NEPA Draft Doc. Prep	5	6/1/97	1				\$11,563	<u> </u>		
23	ı	JARPA Application	6/1/97	1	1			l		<u> </u>		
I		struction Documents	6/1/97	1					l			
19	1	90%	6/1/97	3	1	***************************************			<u></u>	\$7,706		
22	2	100%	11/1/97	1/15/98							\$7,706	_
<u> </u>	Sub	Total			-							
-	CO	NSTRUCTION	3/15/98	3		-	-			-	_ 	
28		Construction Contract	7/1/98									
3		Construction Phase Mgmt.	3/15/98	12/1/98	3							\$36,275
<u></u>	Sut	Total	-	ļ	- I ···						<u> </u>	
3	PO	ST CONSTRUCTION		-	-			 				
3.		Monitoring	2/15/99	8/15/09)	-	-				_	
34	[Stewardship/maintenance	12/1/3	3				_			T	
	Sul	Total				_						
TO	OTAI	LBY QUARTER	 	 	\$1,800)	\$48,153	\$15,41	\$26,974	\$7,706	\$7,70	\$36,375

*

Page 1

No Contingency - ? \$10,000

Dat	e: 10/9	1/96					
	TASKN	ANE					
_	IVSVI	IAME	3rd Qtr. 98	4th Qtr. 98	1999+	Sub Total	TASK TOT
	SITE AC	CQUISITION	3.u Qu. 78	748 Q47.30	.,,,,	Jus (Otal	
	}	d Purchase				\$108,900	·
	Sub Tot	al					\$108,900
		ING AND DESIGN					
_		Jesign	 		ļ	\$1,800	
_ <u> </u>	Site Ans	riysis Hechnical analysis		ļ		\$10,742	
- 7		daminants survey			 -	\$22,000	
-		and Review		 		#22,000	\
4		emalic		 	- 	ļ	
10	1_	n Design Development		<u> </u>	-	\$46,233	·
14		mental Compliance		<u> </u>			N
15	SEI	A/NEPA Draft Dec. Prep		· · · · · · · · · · · · · · · · · · ·		\$11,563	
23		RPA Application					
	Constru	ection Documents					
19	903	6				\$7,706	
22	100	%				\$7,706	
	Sub To	ial			_		\$107,74
	CONSI	RUCTION	-				-
28	1 1	nstruction Contract	\$277,500			\$555,000	
31		nstruction Phase Mgmt.	\$36,375	\$24,250		\$97,000	
l	Sub To	tal	 			ļ	\$652,00
32	POST	CONSTRUCTION	 				
33		nitoring		-	48000	\$48,000	
34		wardship/maintenance			9000	\$9,000	
[_	Sub To	(al				-	\$57,00
TC	TAL B	Y QUARTER	\$313,875	\$301,750	\$57,000	\$925,649	\$925,64



4.1.2 Duwamish/Hamm Creek (City Light North):

Location/Description and Background: The shoreline is riprap, but a fairly large intertidal bench is present below the toe of the slope. West Marginal Way Southwest is beyond Marginal Place Southwest to the west of the site. The small tributary, Hamm Creek, flows through a forested area southwest of the site, crosses under the highway just south of the site, then flows the length of the site in an adjacent ditch along the roadway. Delta Marine boatyard boarders the site.

Scope:

Goals: by:

The project will improve habitat conditions in the Turning Basin

vici nity

1)

Increasing the amount and availability of vegetated (marsh) and unvegetated (mudflat) intertidal habitat.

2) Provide surface water connection between Hamm Creek and the Duwamish River.

The project will improve estuary habitat needed to help salmonid transition from freshwater to a saltwater environment. The project will provide off-river habitat along the south fork of Hamm Creek for rearing, refuge, and spawning.

Objectives:

1) Improve fish passage and reduce potential for blockages by upgrading Hamm Creek culverts under West Marginal Way.

2) Create a new stream channel from the point where Hamm Creek enters the project area to a new connection with the Duwamish River. The channel will mimic, to the best degree possible, features found in streams not altered by human community development, to include pools, riffles, diverse habitat using logs, boulders and stumps. The channel will be fish-passable throughout its length.

3) Provide attributes associated with marsh and mudflat habitats at levels comparable to appropriate reference sites by removing fill material, regrading to intertidal elevations, and establishing marsh vegetation at suitable locations.

4) Establish buffers along the margins of aquatic (stream, marsh, mudflat) habitat by the creation of riparian areas using native trees and

5) Allow for non-consumptive human use and enjoyment of the site in a manner compatible with the habitat objectives of the project.

The Panel will partner this project with King County and the U.S. Army Corps of Engineers, contributing roughly one-third of the funds (\$250,000.00 for construction and \$700,000.00 for acquisition) which presents the intertidal estuary component of the project.

Performance Work Statement:

To accomplish this project, King County Surface Water Management will develop plans, specifications, and obtain permits according to the following:

1) Project Management and Coordination: Provide quarterly schedule and budget reports. Coordinate with project stakeholders, designers and the public. Conduct two public meetings to review the project.

DRAFT ED/DRP Management Plan April 22, 1997

2) Solicit Alternative Project Funding: Prepare necessary documents for obtaining U.S. Army Corps of Engineers Section 1135 funding and Section 22 analysis support through the U.S. Army Corps of Engineers.

3) Property Acquisition: Assist the Panel in the acquisition of the site through the resolution of permit issues. Acceptance by the King County Council and the Seattle City Council

will probably be necessary.

4) Preliminary Design: Develop a preliminary design with rough details and major features. Conduct preliminary hydraulic analysis. Provide a report describing the project components, concerns and analysis. This report must be approved by the Panel before proceeding with design.

5) Provide NEPA and SEPA documentation: Complete mitigated SEPA checklist and corresponding Environmental Assessment for NEPA. Provide notification and advertisement to complete the initial environmental review to a point of determination of

significance or non-significance.

6) Obtain permits: Acquire Tukwila Shoreline, Corps 401, 404 and State HPA, grading permits, and water quality waiver. Develop hydraulic, wetland, and stream reports necessary to acquire permits.

7) Soil Survey and Groundwater Monitoring: Construct up to five wells to determine the

quality of soils and monitor groundwater levels.

8) Topographic Survey: Develop a topographic map of the site and adjacent shoreline and riverbed.

9) Provide Plans and Specifications: From the preliminary design report, develop detailed plans and specifications ready for advertisement and bidding. Complete final engineering and ecological analysis.

10) Advertise, Bid. and Award the contract.

Provide Construction Services: King County will provide construction management and monitoring of the project. This work will include the monitoring of the contractor, issuing of pay estimates, review and approval of shop drawings and change orders, and coordination with permit agencies, public and private stockholders.

12) Post Construction Monitoring: King County will monitor the project and make necessary adjustment of features and the replacement of plant material.

Schedule:

Task:	Duration	Start	End	Est. Cost
1. Notice to Proceed	0d	07/01/96	07/01/96	\$ 0.00
2. SWM Proj. Coord.	448d	07/01/96	04/14/98	150,000.00
3. Negotiate ROW	180d	09/26/96	03/31/97	25,000.00
4. Review Process	90d	07/01/96	09/25/96	0.00
5. Feasibility Study	180d	09/26/96	03/31/97	170,000.00
6. Project Design	240d	04/01/97	11/26/97	200,000.00
Environmental Review				
7. Permit Acquisition	240d	04/01/97	11/26/97	40,000.00
8. Approval	0d	11/26/97	11/26/97	0.00
9. Obtain ROW	14d	11/27/97	12/12/97	1,000,000.00*
10. Construction	150d	04/15/98	09/11/98	1.662.000.00*

^{*} Partial funding is requested from the Elliott Bay/Duwamish Restoration Panel

Budget: Funding the project involves multiple sources.

U.S. Army Corps of Engineers Section 1135 Program	\$1,643,000.00
Elliott Bay/Duwamish Restoration Program	1,000,000.00
King County Future Funding Initiative	500,000.00
King County Surface Water Management	104,000,00
TOTAL	\$3,247,000.00

^{*} The Elliott Bay/Duwamish Restoration Panel has obligated (by Resolutions 1994-13, 1995-08, 1995-10, 1995-18, and 1995-27 up to \$10,100.00 of planning and design funds).

1662000.00



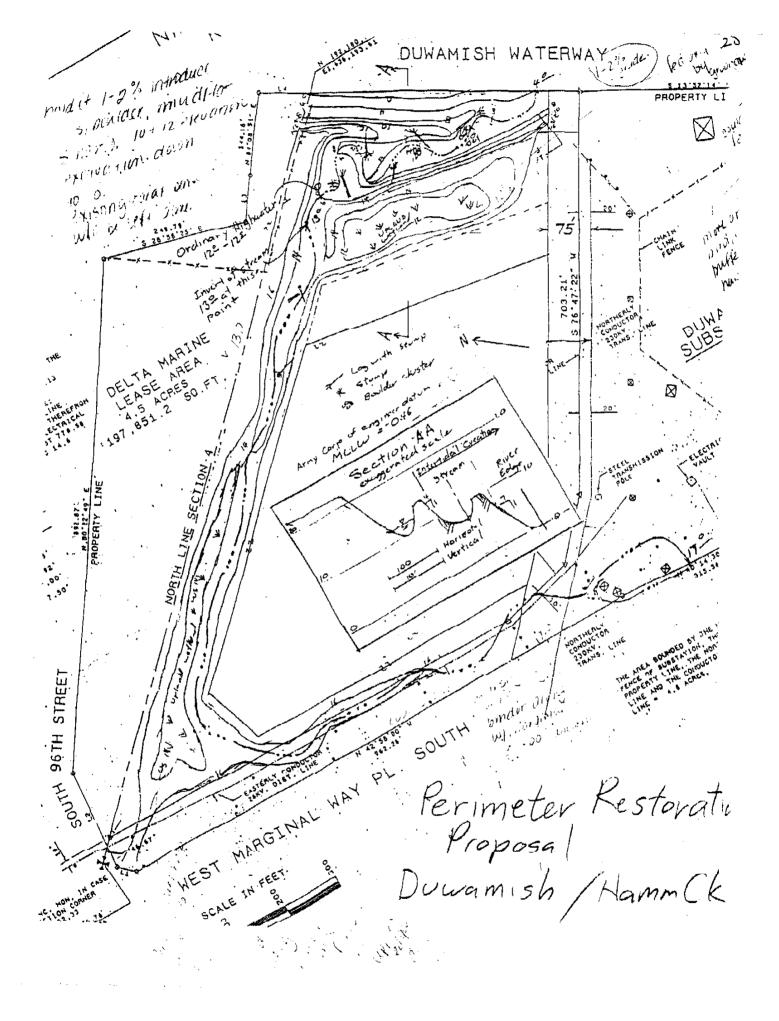
10

Construct project

2w11/27/97 12/12/97

5M 04/15/98 09/11/98

External



4.1.3 Seaboard Lumber:

Location/Description and Background:
The City of Seattle is currently in the process of acquiring the site of the former Seaboard Lumber Mill at 4540 West Marginal Way SW for the Seattle Department of Parks and Recreation's 1995-2000 Capital Improvements Program. The purpose of this project is to restore intertidal marine habitat in the lower Duwamish River estuary.

The Seaboard site totals approximately 5.7 acres of uplands and 10 acres of tidelands along the Duwamish River at river mile 2 above Elliott Bay. The tidelands include a portion of the last remaining oxbow of the former Duwamish River and lie just north of Kellogg Island, a highly modified substantial remnant of the once extensive wetlands that characterized the mouth of the Duwamish River. The Seaboard Lumber Mill closed nearly 12 years ago and the mill structure has been removed. The vacant industrial site is largely paved, or has large concrete foundation pads as well as pile-supported pier foundations of other structures that were previously removed. The Shoreline is composed of rubble reverment, below which are the mudflats that extend toward the river channel and Kellogg Island. The Port of Seattle has set aside Kellogg Island for fish and wildlife habitat.

The City proposes to restore the estuarine wetland that once existed at the Seaboard site. The City will necessitate removal of existing foundations and pavements, extensive upgrading, and establishment of native plantings to expand existing non-vegetated tidal flats and create a mosaic of emergent marsh, shrub swamp and upland riparian areas on the balance of the site. Aquatic habitat in the Duwamish River should be significantly improved as a result of such restoration and other similar projects that are now planned.

A very preliminary illustrative plan for such aquatic habitat restoration at Seaboard has been prepared by the Elliott Bay/Duwamish Restoration Panel's Habitat Technical Working Group. The U.S. Army Corps of Engineers provided a thorough site evaluation and analyses.

Scope:

Goals:

The purpose and goal of this project is to restore intertidal marine habitat in the lower Duwamish River estuary.

Objectives:

The intent of this project is to restore aquatic habitat in order to protect critical fish and wildlife resources in the Duwamish River system. Public access to the Duwamish River is also provided as a secondary intent. Included with this intent should be public education relative to natural resources that will be enhanced at site. The general parking access component should be limited to parking, trail, and viewpoint areas.

Performance Work Statement:

The following must be incorporated into the design project:

Demolish the remnants of the existing pier at the north end of the shoreline and remove all other unnecessary piling.

Excavate the shoreline to increase the size of the intertidal area of the site. Remove unnecessary debris along the shoreline that presently functions as a makeshift rip rap revetment. Regrade to allow for development of a brackish marsh or slough that will extend inland. Reuse, if possible, certain excavation spoils to create berms along West Marginal Way SW to allow for development of an upland planting buffer.

DRAFT ED/DRP Management Plan April 22, 1997

Provide for appropriate wetland plantings of native species along the upper edges of the slough that will be created. The design of such plantings will be based upon tidal elevations created from the grading activity that must replicate an appropriate transition from the intertidal slough to the upland buffer.

Provide for a richly vegetated upland buffer using native species that can create a scrub/shrub edge to the intertidal slough. Some forest species should be incorporated into this buffer as well.

Provide for a small parking area adjacent to West Marginal Way SW to accommodate approximately 15-20 cars at a small trailhead type of development. Allow for the installation of portable toilets and provide for bicycle parking and park furniture as may be appropriate.

Provide for a trail to one or two designated viewpoints for park visitors. Such viewpoints should allow for an overview of the intertidal slough, the nearby Kellogg Island, and industrial marine activities on the Duwarnish. Interpretive signage may be appropriate at such viewpoints.

Consider designing the site to allow for only a small opening of the slough to the Duwamish River to allow for a spit that could provide both wave protection and one of the viewpoints mentioned above.

For a further listing of the task breakdown please refer to the scope, schedule, and budget spreadsheets attached.

Schedule:

The proposed schedule for Seaboard is currently being updated, as it was originally based upon the achievement of a Purchase and Sale Agreement by 06/01/95.

Budget:

The purchase price of the property is still in negotiation. The construction budget for this project is \$1,640,000.00. The budget is the expected cost of construction and does not include construction contingencies, Washington State Sales Tax, and other associated costs. See the following draft budget for the Seaboard Lumber site.

August 1	1,1990	<u> </u>					
······································							
D	TASK NAME	BUDGET	BY QUART	ER	······································		
			0	44h =4= 0C :	1 -1 -1 - 07 -	Vand —— 0.734	
		To Date	3rd qtr 96 4	tin dir ao :	ist dir. A. 7	गव वर्ष भगाउ	sra air 9
	SITE ACQUISITION	<u>.</u>					
	Costs to Date	······································		***************************************	***************************************		
	Appraisal	20,000					
	Herrera II	47.000		. !		**************************************	W
······································	Sampling Plan	6.500		į		. !	····
2	Site Analysis - Phase III		16.200	32.800		:	
	Project Management/During Acquisition	3,100	6,200	6,200+	6,200+	6.200	3,10
1	Site Anal Review/Revise	<u>i i i</u>				<u> </u>	
3	Negotiate Clean-up Alan		·	:			~
<u> </u>	Negotiate Land Sale		***************************************				·····
7	Panel Approval			<u> </u>	· .	· · · · · · · · · · · · · · · · · · ·	
3	City Council Review/Approval			!	ADARAGA (7)		
	Land Purchase Sub Total						2.166.00
······································	Sub (Qtal)	······································					
9	DESIGN						*
~_	Costs to Date					!	······································
	Holland	5,500	· · ·				
······································	Corps Phase 1	45,000		\ \	1	······································	
3	Conceptual Design	1	6,6001	13,400			
	Project Design		<u> </u>				31,20
11	Preliminary Design	!	· I			į	
17	Final Design	1		į			
20	Revise Final Design	!		:			
14	Environmental Review	1			·		
	Permits .	· [******			
15	Master Use Permit	<u> </u>		:	······································		
16	Shoreline Permit		8,170 i	8.170	8,170	3,1701	8,17
10	Project Management During Design Negotlate Design Contract	·····	0,1701	0.1701	0,170.	3,1701	0,17
10	Public Review (
1 <u>2</u> 13	Panel/Public Review II			······································	***************************************		······································
18	Panel/Public Review (II						
***************************************	Design Administration	·	İ	·	······································		***************************************
	In-house Design Review	1					*****
	Sub Totali					1	
21	CONSTRUCTION	7 : 101000000000000000000000000000000000		1			
25	Construction Contract	1 1					
	Project Management During Construction			·			
22 23	Advertise and Bid			<u></u>	<u>·</u>		
23 24	Review and Award	i		//////////////////////////////////////			·^
<u> </u>	Notice to Proceed Construction Management	<u> </u>				<u>_</u>	
~	Construction Inspection			/			**************************************
	Intercepartmental Work Orders	· · · · · · · · · · · · · · · · · · ·					
······································	Sub Totall	·		////	***************************************		H-172
<u>-</u>							
26	POST CONSTRUCTION		······································				***************************************
26 27	Post Construction Manitoring					i	
28	Re-planting					L	Manager of Proceedings of the Control of the Contro
	Sub Totali					·	
	· · · · · · · · · · · · · · · · · · ·	***************************************	······································		······································	***************************************	

	i					· · · · · · · · · · · · · · · · · · ·			***
					······································			TASK TO	ΓAL
atr 97	1st atr 98	2nd qtr 981	3rd atr 98 4	th atr 98	Ist atr 99	2nd atr 991	3rd atr 99		
		<u> </u>	i i	-11 (10 50			J. M. 122		
		į				The same of the sa	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		***************************************
Marters managements	·······	!							
				······································	······································			20.000 47.000	
		<u>-</u> -						6,500	
		······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		······i			49,000	~**********
i						1		31,0001	
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	1							:	
		į		·····					
i							- :	<u> </u>	
	***************************************	<u> </u>		······································	***************************************	************************			
ï		i i	I					2,166,000	
			······································			***************************************		2,319,500	***************************************
)		**************************************				· ·	***************************************
		······································						1	
:		·		·		·		5,500	***************************************
				i		1		45,0001	
		1		***************************************				20.000	
4,100	41,570	41,570	41,560				:	180,000	
						i	;	<u> </u>	<u></u>
						·····			
8,250	16.750			:				25,000	
6,7001	13.300	13,300	6,700			<u> </u>	<u> </u>	40,000	
				; :	·	······································	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		
8.170	8,170	8,1701	8,170	 				73,500	***************************************
		1				!		1	
		 	!			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			
								i	***************************************
ſ	ļ		l .				,	1	
		i	:		- t	······································		389,000	
				·	:			300,0001	
,	······································	1	!	<u> </u>				· ;	***************************************
					1000,000	500,000	500,000	11,500,000	
: 				35,000	35,000	35,000	35,000	140,0001	
······································	·				***************************************	······································			
1			!	:		i			
	······································			······································	······		·····	į.	
	 :			1				1,640,000	
,			!	***************************************		······································	i		
								100.000	
				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,		enennya pagatantan		120.000: 120.0001	
				······································				120,000	***************************************

.

1			Quarter	4th Quarter	1st Quarter	Apr May Jun	3rd Quarter	4th Quarter	1st Quarter	2nd Quarter
1 1	Site Acquisition	Derahon 250d	Aug Sep	Oct Nov Dec	Jan Feb Mar	Apr May Jun	Jul Ang Sep	Oct Nov Dec	Jan Feb Mar	Apr May J
2	Sile Analysis - Phase III	110d	1	TATA KANTANIAN KANTA		}	•			,
	Conceptual Design	110d	11		f d					
- 4	Site Analysis Review/Re	440	1111111111	(11):2012/11/11/11/11/11/11/11/11/11/11/11/11/1	Till Line Lie					1
- ~ · · · · · · · · · · · · · · · · · ·	Negotiale Clean-up Plan	80d								
6	Negotiale Land Sale	1100				l .)
7-	Panel Approval	80				•				
8	City Council Review/App	304				6 22	77283			
g	Gesign	561d	-							
10	Negoliate Design Contra	70d		وبالسا						
ii	Preliminary Design	704					VIIIIIIIII	77773		
12	Public Review I	- Od					•			
13	Panel/Public Review	224						WW.		
14	Envronmental Review	62d				}				
15	Master Use Permit	1304				}				
16	Shoreline Permit	90d								
17	Final Design	175d						WIIII		
18	Panel/Public Review	22đ							,	
19	Corps Permit (404)	130d								
30	Revise Fund Design	22d				}				
21	Construction	255d			Room and the second sec					
22	Advertise and Bid	200			· ·	}				
23	Review and Award	30d			assaul ^e and		}			}
24	Noice to Proceed	254	ĺ		The statement of the st	{	! !			
25	Construction	180d			and the state of t	{	! !			Ì
26	Post Construction	0d			tal recovery	1	1			
27	Pest Construction Monit	0d			***	{				
28	Re-planting	Od					_			
}	1		Tomari.	annan -						
Project. Date 8		Critical	cal Cal		gress sione +	Summ	tio 🔷			÷

;

d Quarter
<u> </u>
Critica Progress Summary 8/6/96 Noncritical Progress Milestone Rolled Up Rolled Up
8/6/96 Noncritical Milestone ♦ Rolled Up ♦
Page 2

4.1.4 Turning Basin Vicinity Project:

Location/Description and Background:

Turning Basin Vicinity, Turning Basin No. 3. The Turning Basin is located at the head of navigation on the Duwamish Waterway. Portions of the area are currently being restored by federal agencies and the Port of Seattle under the Coastal America Partnership.

Scope: The precise tasks associated with the project proposal are somewhat dependent on the option selected (see Section 2 for a full description of the two options). Briefly, Option 1 includes property acquisition and demolition; Option 2 includes property acquisition, demolition, and habitat development.

The tasks associated with Option 1 are as follows:

- 1) Property acquisition. The task encompasses all real estate activities and negotiations to sale and transfer of title to the United States in trust for the Muckleshoot Indian Tribe. As stipulated in the project description, transfer of the title from the current owner to the tribe would be dependent on the presence of no on-site contamination or other environmental violations. This task would be coordinated by the Muckleshoot Indian Tribe. Estimated timeframe: approximately 3 months.
- Demolition and Restoration Permitting. This task includes obtaining any necessary permits for the demolition of existing structures and piers on the property, as well as those required for regrading the property and revegetating activities. This task will be coordinated by the Muckleshoot Indian Tribe and the U.S. Army Corps of Engineers. Estimated timeframe; 6 to 9 months.

INTERNAL DRAFT -- FOR Disk USSION PURPOSES ONLY

Dra	ift Tar	ning Basin Vicinity Project Budg	et								
-	Date:	10/2/96	1				Table State				1
11)	TASK	NAME L	SCHEDU		BUDGET	 By Quarti		Anna Anna Anna Anna Anna Anna Anna Anna	## (property 10 property 1		
i			Start	Pinish	lodate	tili Qir. ⁹ 6	Ist Qtr. 97	 2n d Qir. 97	3 d Qn. 97	4th Qtr. 97	Lst Qur. 98
ı	Sile Ac	quisition	10/30/96	12/1/97							
.2		Site analysis - Phase H	10/30/96	12/31/96	}	\$33,500		Grand Control of Contr]		
3		Conceptual design (20%)	10/30/96	12/31/96		\$23,940					
1		Site analysis review	1/1/97	2/28/97				Q.			
.5		Negotiale purchase	3/3/97	6/3/97				**************************************			
ь		Tribal Council review	10/1/97	12/1/97							
		Land purchase						***************************************		\$225,000	
		Acquisition proj. mgmt. (40%)	***************************************			\$5,760	\$5,760	\$5,760	\$5,760	\$5,760	
- 7	Design		7/1/97	10:15/98	ĺ			·			
В		Megotiate design contract	74797	4/1/97			1	all and a second			
13		Prefiminary design (20%)	9/2/97	10/31/97			.	The state of the s		\$23,910	
113		Panel/public review	11/3/97	12/15/97					j		
11		Environmental review	12/1/97	130/98			*******	MANAGEMENT AND ADDRESS OF THE PARTY AND ADDRES	1		
12		Tribal permit	2/2/98	1/1/98				1			
13		Final design (60%)	2/2/98	1/ [/98		1					\$71,820
14		Panel/public review	4/2/98	5/15/08		1					
15		Corps/JARPA permits	3/16/98	81/4/98							
16		Revise final design	9/15/98	10/15/98		1		- Control of the Cont		-	
·		Design proj mgmt (46%)					4	-	\$4,800	\$4,800	\$4,800
17	Constr	·	10/16/98	8/15/99			****	LIL	}		-
13		Advertise and bid	10/16/98	11/15/98							
19		Review and award	11/16/98	12/15/98		1			1	***	
20		Notice to proceed	12/16/98	1/15/90							
21		Construction	1/18/99	8/15/99		1					
		Construction proj. mgmt. (20%)									
22	Post €	mstruction Monitoring	8/15/99	***					}		
23		Monitoring	2/15/00	8/15/10							
21		Stewardship/maintenance	8/15/99				Ī				
fo	TAL B	YQUARTER	 			\$63,200	\$5,760	\$5,760	\$10,560	\$259,500	\$76,620

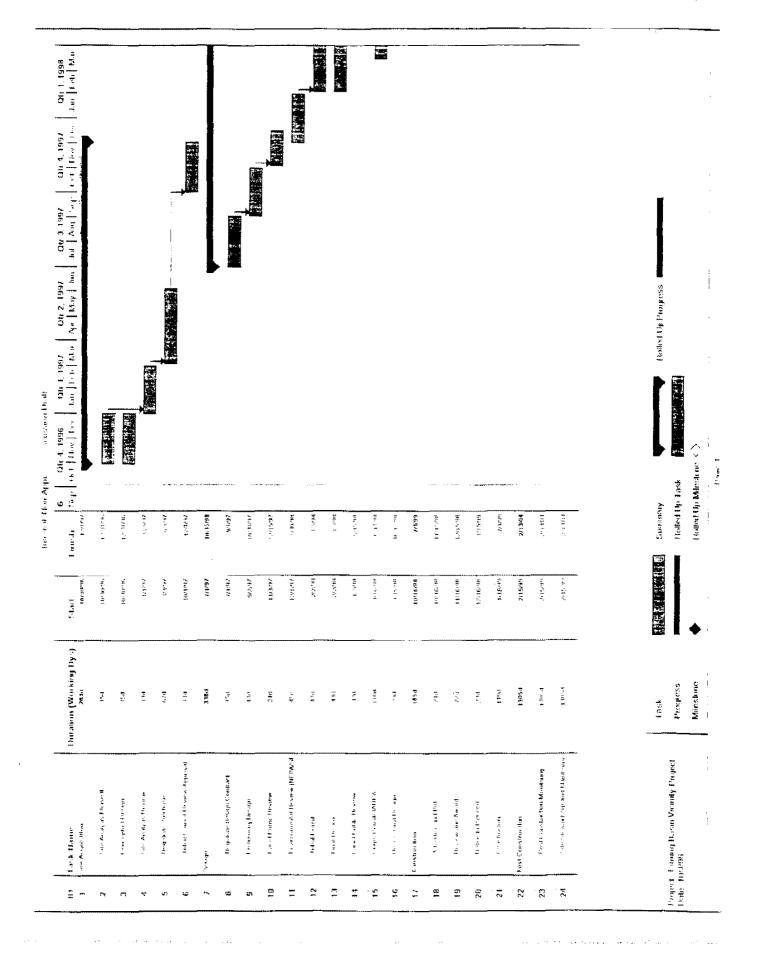
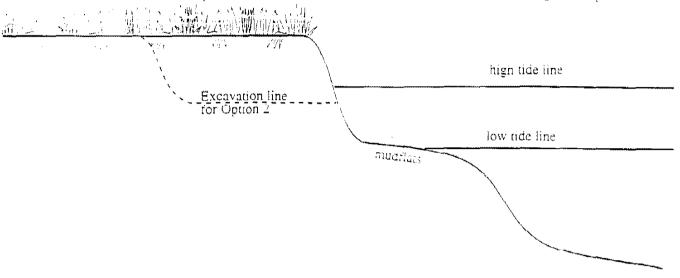
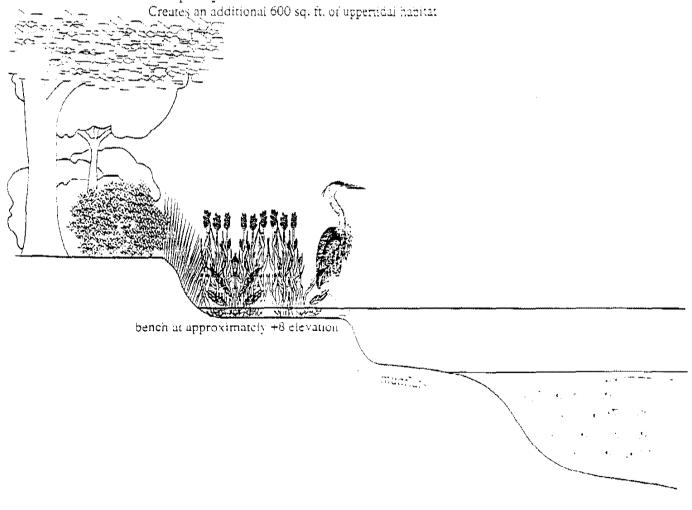


Figure 2. Summary of Proposed Options

OPTION 1. Profile of Existing Contours Removes aspiralt, concrete and commercial structures to maximize existing nabitat potential



OPTION 2. Property After Construction/Habitat Restoration



4.1.5 Elliott Bay Nearshore:

Location/Description and Background:

The West Seattle shoreline of Elliott Bay with a southern boundary north of Salty's restaurant to a point west of the Duwamish Head light; various types of habitats will be considered from the upper intertidal to a depth of approximately 50 feet.

King County Department of Natural Resources' Water Resources unit has been selected as the project manager.

Scope:

Goal: The goal of the Elliott Bay Nearshore Habitat Substrate Enhancement project is to improve nearshore marine habitat conditions by enhancing productivity of epibenthic fauna, increasing the distribution and density of macroalgae and other primary producers, and improving the attributes that support resident and migratory marine and estuarine fish species.

Objectives:

1) Increase diversity of bottom substrates.

2) Increase the area of limiting hard bottom substrates.

3) Provide intertidal substrates at proper horizons for eelgrass.

4) Increase the volume of physical protective structures for juvenile and adult resident invertebrates and fishes.

5) Increase hard structure surfaces for macroalgae.

Remove undesirable bottom debris.

- 7) Provide substrate improvements that are compatible with commerce, navigation, tribal and sport fishing and recreational shoreline uses.
- 8) Provide public education and involvement opportunities.
- 9) Provide information useful to subsequent substrate enhancement projects.
- 10) Design improvements to be sustainable.

Performance Work Statement:

King County has assembled a core team to assist the Panel in:

Assessing, mapping and documenting shoreline, tidal and substrate areas for existing potential, and historical biodiversity and biological functions. (A great deal of this information has been attained by the Panel through the Washington State Department of Fisheries)

Selecting several specific locations to construct the substrate enhancement meeting the above objectives.

Identifying alternative methods to construct, place or locate, seed and promulgate substrate environs:

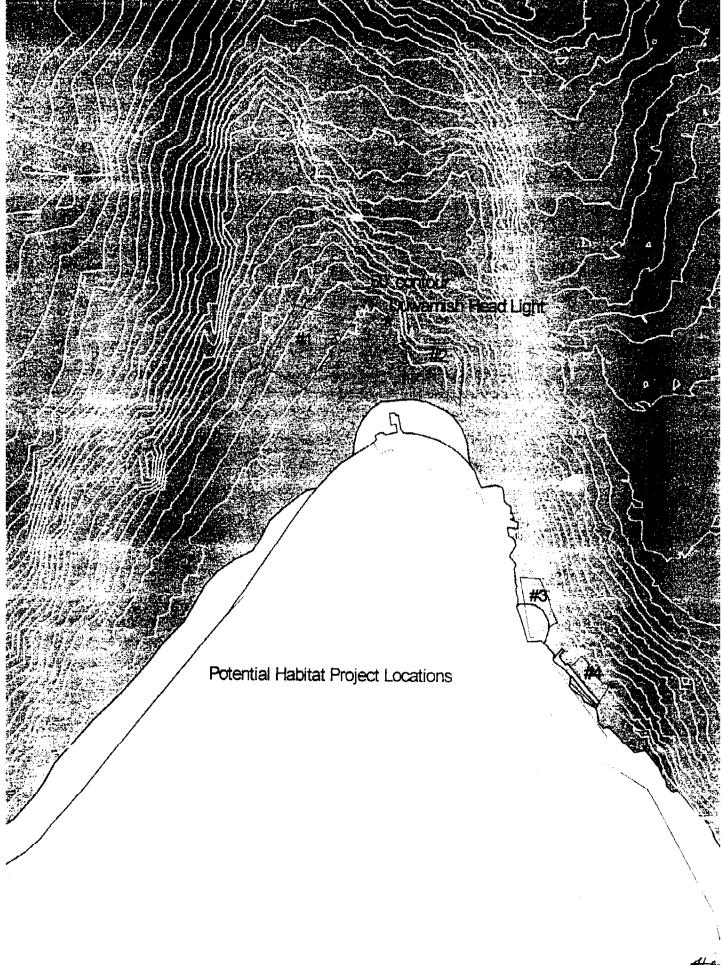
Designing long term habitat monitoring and maintenance program;

Developing and implementing a public and agency coordination process:

Providing a public education and participation process (stewardship) in evaluating and assessing the project area, including project design and development; and

Project cost accounting, coordination and scheduling.

DRAFT ED/DRP Management Plan April 22, 1997



OPTION C: TASK DETAIL

Basic Proposal

Recommendations * Add Ons

SITE CHACTERIZATION

Select Sites

See attached map: proposed sites

Characterize Sites (3-4)

Parameters

Project boundaries

Site/control site boundaries (4)

Current Substrate

Depth

Slope

Sediment Contamination

Eel grass beds Water Quality Waves/Currents

Biota

Property ownership

Constraints, e.g. Utilities, navigation, fishery

Three Sites

Additional

Additional

X

Shuman Map

GPS

PSD, Buckley

Shuman

Мар Х

Arc Info/Student

Shuman, Buckley

3 Composites, Ecol,

Shuman/Buckley

General, Stark

ETS, Stark

Buckley, EBM EIS

Species list from video

Maps(DNR, Sea. Kroll)

Diving, Metro/Seattle maps

tribes, CG

Other

parameters

Obtain Information

Lit. Review Local, Beyond

Consultant

Project Constraints

Project Experience

location

design

species to encourage

iuvenile fish

salmonids

prey epibenthic species

Objectives

Hab. Group, Maps

Review local studies Hab. Group brainstorm

*Source of information or recommendation substrate	Coarse, cobble, boulder	Other,e.g shells, cement
depth	30-50 ft.(60 DHW)	
stability (currents, slope) eel grass	Velocity/direction Beyond 20-30 ft.	Deposition
effects on unimpacted area	Design spaces	Add study

ANALYSIS AND DESIGN

Tasks	Basic Staff recommendations based on info, Hab.Group brainstorm	Add-on Consultant develop alternatives
Id suitable sites w. controls re. above eg. depth, slope, current, size, constraints, eel grass, uses	e.g. 20-50ft.	additional sites
Rec. configuration/placement	e.g. E shape, bands Map	add. specifics
Determine target species	Objectives, see above resident salmonids juvenile	
	epibenthic prey (selected)	non-prey
Identify new substrate, e.g.	E.g. cobble & boulder Bay balls, if grant Art, if grant, parameters Bay balls, if grant	Substrate other types specifics
Recommend evaluation plan (See below)	Staff/Hab Group	Consultant
Site plans/map	Map	More detail
Review and comment	Limited consultant Hab. Group/EBDRP	Consultant
Environmental Review		
Permits and checklist	•	More if EIS
Public Meeting	Site, substrate o.k. (earlier?)	

IMPLEMENTATION

Decision making

One public meeting/public notice

Staff presentation

Basic

Additional

Add On

Two EBDRP decision points

Pub. Involve Group

Additional

SSB

Construction

Design selection

3 sites (1.5+ ac.)

Additional

if bid or grant

allow

Tasks

Price substrate materials options

Mixed coarse, Cobble and boulders Recycled materials, if no extra cost

Purchase/Load/Transport/ Place

Coordinate w. Bay Balls, art

If within budget

If grant funds

cover costs.
construction
storage
transport

Stewardship

Tasks

Basic None Add-On

Apply for additional

grants

Bay Balls and/or art

Apply for/manage grant

Construct, Store, transport Bay Balls

Publicize

Coordinate with construction

location (e.g. intertidal, West)size

Interpretive signs

Apply for grant, implement

Long term monitoring

Volunteer diving/video

Counts/Volunteers

Analysis and Reporting

					1997												98	
D	Task Name	Jan Feb	Mar	Apr Ma	y Jun	Jul Aug	Sep	Ccl	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug
1	Plan and Manage		***															
2	Schedule, Scope, Budget	900 188 P 888 co Provincija od		Į.														
3	Obtain information		•															
4	Property Application																	
5	Grant Applications																	
6	Staff learn Meetings		į															
7			;															
8	Monitor and Assessment																	
\$	Initial site characterization																	
10	Identify/review in o		1															
11	Summarize/map info	_													ì			
12	Plan evaluation																	
13	Identify info gaps		***															
14	Monitor (Dive/lab)																	
15	See construction, stewardship	_																
15			•															
17	Site Plan & Design																	
13	HG Guidance	J. A. B. B. B. C. C. B. B. B. C. C. B. B. B. C. C. B.		•														
19	Literature Review*	- Company of the Comp	***************************************															
20	HG Brainstorm		1	•							:							
21	Site/Evaluation Plan	—·· •	377								:							
22	Develop RFP	. Harting de de la constante d]							
21	Contracting		***************************************															
24	Manage contract		110															
· /		Task			St	mmary	₹			R	olled Up	Progres	s 					
Project	: Opt. A Tim@line	Progress	1			ited Up Task			· ·			-						
Date:		Milestone	_			lled Up Milesi				99 3								

Ų,

							199												195	8	
<u>D</u>	Task Name	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug :	Sep (Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun	Jul	Auj
25	Obtain/review info			1																	
26	Consultant Recommendations/HG			***************************************			•														***************************************
27	Design/RFP report						4	•													AMAY 1
28		1																			
29	Review & Alternative Selection																				
30	EIS/NEPA checdist			•																	
31	Permits																				
32	Public Meeting/Notice																				
33	Final Design Approval								•												
34																		`			
35	Construction													_	_		٠	1			
36	Construction RFP/Contracting			***************************************								-				_					
37	Monitoring Contract			į																	
38	Volunteer Project(s)*			***************************************																	
39	Pre construction monitor/report																	1			-
40	Construction/Contract Management			,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,																	
41	Construction monito/report																				
42				******																	
43	Slewardship			,																	
44	Post Monitor & Assessment 4/99																				**************************************
45	Awareness/Education, if grants																				
45	Long term Monitoring 4/03	<u> </u>					.												<u></u>		
MALE THE THE THE THE THE THE THE THE THE TH																					
		Task	-		_		5	Summar	у				R	offed Up	Progre	ss 💻					-
Project: Date:	Opt. A Tim@line	Progres	s)				Rolled U													
Mengelinentification		Milestor	ne	•	•		F	Rolled U	p Mileston	e 🔷											

Sheet1

RIDGET	ESTIMATE/OPTION C	1997	1998	Total	Additions*/
DODGET	ESTERIATE/OF HORC	1337	1270	rotai	Modifications
Planning &	- Design			······································	mounications
* 1000111111 C /	Site Analysis				<u> </u>
······································	. 12 FTE @1 FTE@\$62,000	8,040		<u></u>	8,044
	.25@\$45,000	11,250		······································	1 0,049
	100% overhead	19,310			8040
	Monitoring*	6,0001			:
,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	Analysis & Design			······································	
	Consultant Contract	2,600	-		15,000
	Contracting				1000
VV.W.	Permitting		······································		· · · · · · · · · · · · · · · · · · ·
***************************************	SEPA/NEPA	3,000	3,000	······································	I
	.05 FTE /yr.	2,900	2,000	······································	!
		5,000			
	Permits		<u> </u>		:
	Project Planning 2 FTE@ \$62,000	10 100	***************************************	**************************************	
r. 11 (11 (11 (11 (11 (11 (11 (11 (11 (11		12,400	-	······································	
	overhead @ \$62,000	12,400			
	[C. 1. CD-4.1]	00.000	2.000	ተመን በለለ	:
	Sub Total	80,000	3,000	\$83,000	
Implement					
	Construction				<u> </u>
	Contract		133,6001		Add, if grant
	Contracting		5,0001		
	Property Right of Entry		0		2000
	Project/Contract Management	i			
	.4 & .55 FTE &@\$62,000	24,800	34,100	***************************************	
	100% overhead	24,800	34,100		
	Monitoring		:		
· · · · · · · · · · · · · · · · · · ·	Pre/Post monitoring	6,0001	2,000:		5000 +/-
***************************************	Analysis/Reporting				:
· · · ·	.15 FIE		9,300		
	100% overhead	<u> </u>	9,300		
	0+12 Evaluation		6,000		5000 +/-
	Sub Total	55,600	233,400	289,000	
		<u> </u>	· · · · · · · · · · · · · · · · · · ·	0	10%
···	Contingency		0	U i	10%
	Grand Total		j	\$372,000	
		1			
*Proposed.	if additional sources of funds			!	
					474
***************************************		<u> </u>	<u> </u>		

**************************************		!			

4.2 Sediment Remediation Projects

Draft Last Edit June 11, 1997 Stdiment Remediation Budget

SEDIMENT REMEDIATION S	w/o Amenda	ent							
	1992/1993	1994	1095	1916	1997	1998	1998	2000+	Project
Central Waterfront								Monitoring	Total
Site investigation									
Recontamination Study			412,000.00						412,000.00
Clean-up Study Documents			30,000.00						39,000,00
Sample Collection/Analysis				91,800.00					91,600.00
Consultant Selection				15,000.00					15,000.00
Consultant Contract (COE \$322,000)									0,00
Design									9,00
Permitting/Erv. Process									0,00
Project Management									0,00
Planning and Design Subtotal			442,000.00	106,800.00	0.00	0.00	0.00		\$48,800.00
Unencumbered implementation Fu	nds'								2,958,500,00
TOTAL									3,405,100.00
Diagonal Duwamish									
Screening	43,800	7,000.00	4,500.00						55,300.00
Site Investigation	28,000	128,000.00	51,000,00	119,000,00					324,080.00
Clean-up Plan		8,000.00	49,000.00	180,000.00	128,950.00				345,950.00
Permitting									0.00
Planning & Design Subtotal	71,800	141,000.00	104,500.00	279,900.90	128,850.00				725,210.00
Unencumbered Implementation Fu	nde"								3,943,0+0.00
TOTAL			- $$						4,668,250.00
Norfolk		1							4,008,235.00
Screening			- $+$	—— — —					
Site Investigation	18,000.03	56,000 00	96,000.60			-			180,010.00
Clean-up Plan	10,444.401	5,000 00	25,000.00	122.000.00					162,000.00
Permitting		0,500 00		41.000.00	50,000.00				91,000.00
Planning and Design Subtotal	19,000.00	71.000 00	120,000.00	163,000,00	50,000.00				423,000,00
Construction				10,000,00	_ 1,152,000.00				1,162,000.00
Monitoring				. =(444774				100,000,00	100,000.00
Management					16,000.00				18,000.00
zwar nagazonej n					70,000.00				19,0,0.00
Sublote				19,000.00	1,168,000.00			100,000.00	1,278,010.00
YOTAL									1,701,000.00
Pler 53-55				 +					.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
Site Investigation	56,000.00		-						56,000.00
Clear-up Plan	50,000.00			-					0.00
Permitting	18,000.00					—— —			18,900.00
	10,000,001	t							, 0.000.00
Planning and Design Subtotal	74,000.00							_	74,040,00
Construction	62,000.00	 †							52,000,00
Monitoring	184,000.00	500 00		84,000.00		 +		12,000,00	330,500,00
Management	194,000.00	500 00		34,000.00					030,000
Subtotel	228,000.00	500.00		84,000,00				12,000.00	392,5+0.00
TOTAL	224,						—— -		468,500.00
Planning & Design Total									1,770,850.00
Implementation Total									8,470,606.00
Sediment Program Total									10,240,850.00

DRAFT

jay/NOAA

^{*} Can not be spent w/out the availability of additional planning and design funds.

4.2.1 Pier 53/55 Sediment Cap and Natural Recovery Area

Location/Description and Background:

In March 1992, contractors for the U.S. Army Corps of Engineers placed 22,000 cubic yards of clean sand offshore of Piers 53,54, and 55 in Elliott Bay on Seattle's downtown waterfront, capping 4.5 acres of chemically contaminated bottom sediments. This action, known as the Pier 53/55 Project, was the culmination of 4 years of study and planning by many agencies, including the City of Seattle Department of Engineering, the King County Department of Metropolitan Services (County), the U.S. Army Corps of Engineers (Corps), the Washington State Department of Ecology (Ecology), the Washington State Department of Natural Resources (DNR), the Washington State Department of Fisheries, and the U.S. Environmental Protection Agency (EPA).

The project site is an east-west-trending rectangular and trapezoidal area located offshore of Piers 53, 54, and 55. This site is west and slightly north of the intersection of Madison Street and Alaskan Way in downtown Seattle. The project consists of a 3-foot-thick sediment cap covering 2.9 acres farthest offshore and an experimental 1-foot-thick enhanced natural recovery area (ENR) covering 1.6 acres nearshore.

Planning for a remediation project along the Seattle waterfront began as part of the County's (formerly Metro) Toxic Sediment Remediation Program, which was formed to coordinate and plan multiagency planning efforts to clean up contaminated sediments in Elliott Bay and the lower Duwamish Estuary.

Planning for remediation was suspended when the National Oceanic and Atmospheric Administration (NOAA) filed a lawsuit against the City of Seattle and Metro in 1990. After the lawsuit was settled, planning for a remediation project in Elliott Bay was revived. The Pier 53 site was chosen when the City of Seattle expressed a willingness to take the lead in implementing a capping project at the site and the Corps was willing to provide capping sand from routine maintenance dredging in the Duwamish River.

No effort was made to reassemble the interagency committee. Instead, the City of Seattle and Metro decided to develop plans and coordinate agencies during the permit process. The Corps was committed to complete dredging in the Duwamish River by the end of 1992 and would dispose of the sand at the open water disposal site in Elliott Bay if no beneficial capping project was possible.

After the Pier 53 sediment cap was installed, the project was presented to the Panel. The Panel reviewed the project and, after deciding it met the Panel's criteria for a sediment remediation project, declared that the project was eligible for in-kind credit toward the settlement. (Resolution 1992-20). The management of the Pier 53 project then proceeded under the direction of the Panel, with the City of Seattle as the project sponsor. Metro (King County) agreed to conduct the monitoring program, which was established during the permitting process.

The purpose of the monitoring program is to define how stable the cap is, how well it is functioning to isolate the contaminated sediments, whether the cleanup continues to meet the state sediment standards, and how the cap is biologically repopulated. It is also a means to evaluate the rate of possible recontamination. Monitoring will continue through 2002.

Scope:

Objectives for the Monitoring Plan:

Provide baseline taxonomic data.

Guide and document the sediment placement, thickness, and long term stability.

Document how well the three foot cap and the enhanced natural recovery area function to isolate contaminated sediments from migrating upwards into the cap, and to document the extent of that contamination if it occurs.

Identify whether chemicals accumulate on the remediation site such that they indicate migration of materials from off-site.

Determine the amount and type of benthic recolonization that occurs on the project site and determine whether there are differences in the character and rate of recolonization between the three foot cap and the one foot thick enhanced natural recovery area.

Review and evaluate the monitoring data with the regulatory agencies to determine 1) if the three foot cap is functioning as expected to isolate contaminated sediments; 2) if a one foot layer of sediment will function as expected such that biological mixing occurs to enhance natural recovery; 3) whether further actions are warranted for either the capping site or the enhanced natural recovery area.

To provide data that may inform and assist the NOAA panel and other agency teams in developing future clean up plans for Elliott Bay.

Performance Work Statement (Tasks) and Schedule: see following pages

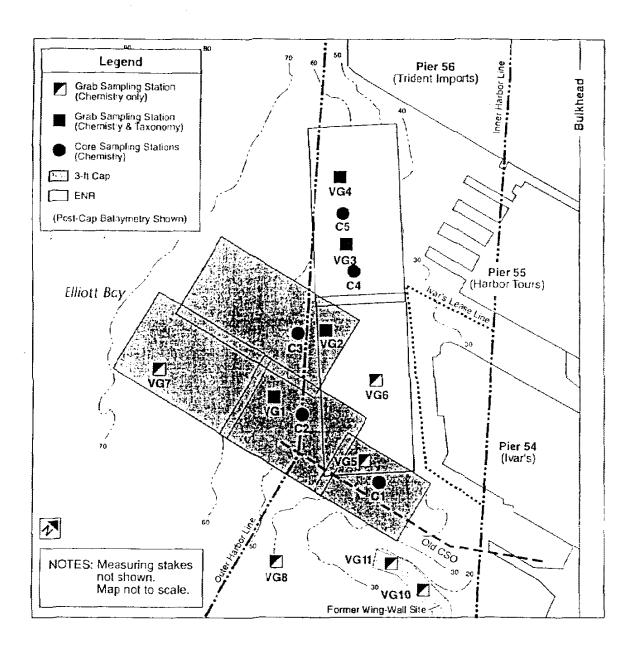
DESCRIPTION OF ACTIVITY	Construction Phase	<u> </u>		Ten Yes Post Cap I			<u></u>					
	1992	1992	1991	1994	1995	1996	1997	1998	1999	2000	2001	2002
Set Botton Stakes	x	×		1								-
Bottom stake measurements by diver	X	May	August			August						August
Sediment cores for chemistry, 5 stations total:												W
3 stations on 3' cap (5 depth segments)		May	August			August						August
2 stations on enhanced natural recovery area (2 or 3 depth segments)		May	August			August						Aogusi
Surface grabs for chemistry— adjacent to site, 6 stations (3 stationstop 2 CM + too 6 CM) (3 stationstop 2 CM entry)		May										
Surface grabs for chemistry, 7 stations on project sits for Z cm)		May	August	<u> </u>		August						August
Surface grabs to document taucnomy prior to project work, 2 stations	×					_						_
Surface grabs for taxonomy:												
2 stations on enchanced natural recovery area		August	August			August						August
2 stations on 3' cap		August	August		ļ	tugust						Augus
REMOTS carners survey		August	August	<u></u>		August	.					Augus
Monitoring report for given year (due January of fotowing year)		×	×		<u> </u>	×			_			X
Mankaring revew meetings		X	X		<u> </u>	×	-					_ _×
Faux year project review		<u> </u>			<u> </u>							<u> </u> ×

NOTES:

- a) Baseine sampling will be conducted as soon as practical within the first three months after cap placement.
- b) Monitoring seview meetings may be held within the first two morabs of subsequent year.

- c) *Becision to sample in 2002 will be based on meeting in 1996.
- d) Sampling targeted for August may also be completed in September, if necessary.

иолitoring Report (Draft and Final)	Hours	Rate	Cost	***************************************
Data analysis, data interpretation, research, writing	;			
Scientist	460	42.00	19,320.00	
Illustrations	i		i	
Illustrator	175	48.00	8,400.00	
Editing		7: 40.06	, 0,700,00;	······································
Editor	93	55.00	5,115.00	
Project manager Review	1 30	33.00	3,113.00	
Scientist	· · · · · · · · · · · · · · · · · · ·	14.00	1 100 00	
Ocientist	25	44.00	1,100.00	
Printing (15 draft copies 25 final copies)	<u> </u>		757.00	
	Report	Costs. Re	so 94-01	34,692.0
Naka Masayanant	<u> </u>			
Stake Measurement		Rate	Cost	
Vessel and crew of 3		11500.00	1,500.00	NAME OF THE PERSON OF THE PERS
Diver and support boat	1	1200.00	1,200.00	
Core Samples	<u> </u>		!	
Field sampling (5 cores plus replicate)	<u> </u>	!		
Vessel and crew of 4		2000.00		······································
Diver and support boat	2	1200.00		
Core tubes	·		1,800,00	
urface Grab Samples	<u> </u>	<u>i</u>	1	
Field sampling (10 stations plus replicate)	·····		1	
Vessel and crew of 3	2	1500.00	3,000.00	
ithic Taxonomy	i	į	·	
4 stations @ 5 reps Vessel and crew of 4	1	2000.00	2,000.00	
otal Station (includes preparation and data reduction)	4.5	500.00	2,250.001	
			ſ	
nalytical	Samples		Cost	
Conventionals	24	106.00		
Organics	24	600.00	14,400.00	
Metals	24	175.00	4,200.001	
Benthic Taxonomy Screening Preserving and Shipping	20	200.00	4,000.00	
Benthic Taxonomy Identification	20		4,000.00	
luality Assurance Review	Hours	Rate	Cost	
Data Reduction				
QA officer	20	50.00	1,000.00	
QA Narrative				
QA officer	10	50.00	500.00	
Project manager Review			ı	
Scientist	8	40.00	320.00	
	<u>~_</u>		1	
		Subtotal S	ampling Costs	49,114.0
· · · · · · · · · · · · · · · · · · ·				
		Total		\$83,806.00



Norfolk CSO

Location? Discription and Background:

The Norfolk outfall is located in the Duwamish River above Turning Basin No. 3, south of Seattle in the City of Tukwila and Parallels the southern boundary of the Boeing Development Center and Boeing Field. The City of Seattle's 84-inch-diameter overflow outfall originates at the King County Norfolk Regulator Station that receives sewage from the Norfolk drainage basin. Recent modeling efforts have determined that the estimated annual average overflow volume is 70 MG per year and will be reduced to about 7 MG per year when the new Henderson Diversion structure is fully operational in 1997.

In 1994, a four document Cleaup Study Plan was prepared consisting of the Work Plan, the Sampling and Analysis Plan, the Health and Safety Plan, and the Public Participation Plan. These documents underwent Public review and were approved by the EBDRP Panel. Three Phases of Site Assessment sampling were conducted from 1994 to the end of 1995 to define chemical conditions in surface sediments and at depth below the surface. This information was presented in a draft Site Assessment report that identified the following 4 chemicals of concern: Mercury, PCBs, Bis (2-Ethylhexyl) phthalate and 1,4-Dichlorobenzenc. A preliminary sediment remediation site boundary was developed based on the composite boundary of where any of the 4 chemicals exceeded the Sediment Quality Standard (SQS). Ultimately the site boundary was expanded beyond the SQS boundary and out to where PCBs were not detected in the sediment samples except at the down stream boundary where a wood piling wing wall provided a physical boundary.

Scope: Goal:

The Norfolk project will remove from aquatic life and human exposure the contaminated sediments associated with the site boundaries.

A preferred approach for sediment remediation was selected after evaluating several potential options and was presented in the Norfolk CSO Sediment Cleanup Study Report issued in October 1996. The preferred alternative was mechanical dredging with a clamshell bucket. Dredged sediment would be placed on a barge for dewatering and transported down river to where the sediment would be offloaded directly into lined containers for shipment to one of three possible disposal sites. The preferred disposal option is heat processing and recycling of the material at Holnam Cement Plant. However, some material with PCB values between 20 to 50 ppm will need to go to a class D hazardous waste landfill and a small amount with PCB values above 50 ppm will need to go to a dangerous waste landfill. After completing the dredging, the excavation area would be back filled to the original grade with sediment of similar characteristics to rapidly restore habitat. The estimated total volume of dredging is 7,200 cubic yards.

Ecology evaluated the clean-up proposal and wrote a draft Sediment Management Standards, Cleanup Action Decision document that approved the preferred option. Both the Ecology Decision and the Norfolk Clean-up study report underwent public review and were finalized as proposed. The NEPA and SEPA environmental review processes were completed and the U. S. Army CORPS obtained authorization for the project under the Nation 38 permit for remediation projects. The Shoreline permit was issued by City of Tukwila and access agreements were requested of the property owners Boeing and Washington Department of Natural Resources. Dredging is scheduled for the last part of 1997.

	olk CSO Sediment Remed			·		,									. 5	chedule '	Version: T	ue 10/1
ID	Name	Dur	SchedStart	SchedFinish	Predecessors	19 Q2		0.4	- T	199				96			1997	
158	Panel Recom'ds Pref.	Od	Thu 10/17/96	Thu 10/17/96	141	<u>u</u> z	us	Q4	<u> </u>	C2	Q3 Q4	Qt	Q2	Q3	Q4 71.	Q1 Q 110/17/91	2 Q3	Q٤
159	Cleanup Decision - Ecology	128d	Fri 10/18/96	Tue 4/15/97	141										1 "	1 10/1 //90	5	
160	Ecology Prepares Draft Cleanup Decision	13d	Frl 10/18/96	Tue 11/5/96	141										1			
161/	Panel reviews Draft Cleanup Decision	23 d	Wed 11/6/96	Frl 12/6/96	160													l
162	Ecology revises Cleanup Decision	9d	Mon 12/9/96	Thu 12/19/96	161										•			
163	Cleanup Decision Reposited	Od	Tue 4/15/97	Tue 4/15/97	162,174										1	1		
164	Permits	190d	Thu 7/25/96	Tue 4/15/97	<u></u>	-											Tue 4/15/	97
165	Begin permitting process	ſd	Thu 7/25/\$6	Thu 7/25/96	134	***************************************												
166	Shareline Permit	108d	Frl 11/1/96	Tue 4/1/97	134	***************************************												
167	Final Checklist avait for Shoreine	108d	Frl 11/1/96	Tue 4/1/97	144	***************************************								Whiteheads	1			
168	Issue Shcreline Permit	Od	Tue 4/1/97	Tue 4/1/97	167	***************************************		***************************************										
169	Individual Permit	118d	Frl 11/1/96	Tue 4/15/97	<u>-</u>			***************************************							***************************************	•	Γue 4/1/97	'
170	Prepare Corp Permit	30d	Fri 11/1/96	Thu 12/12/96	167SS	***************************************		***************************************										
171	Shoreline Permit Drawings Avaliable	Dd	Fri 11/1/96	Fri 11/1/96	185										>== -			l
172	PC Period for Permit & CAD	22d	Fri 12/13/96	Mon 1/13/97	170			***************************************								11/1/96		.
173	Resp. to Com'ls for Permit & CAD	10d	Tue 1/14/57	Mon 1/27/97	172			***************************************										
174	Issue Corp Permit	Od	Tue 4/15/97	Tue 4/15/97	173,168FS+10d			1										
175	W.Q. Certification	96d	Frl 11/1/56	Mon 3/17/97	· ·											•	Tue 4/15/	97
						I			· · · · ·	·						#]
Nort	olle Cita	Ta	sk				Roll	ed	lln i	Tae!		- التحوير				·		
	olk Site 10/1/96	Pro	ogress						-		` stone		<u> </u>					
DRA	· · · · · · · · · · · · · · · · · · ·		lestone		•						stone Jress	<u>~</u>	_					
			mmary		*	•	. wi	⊌u ¹	սի լ	ιιυ <u>ς</u>	11622							
WETHON	SCOPENFIDOISEMPP Tue 10/1/96		*		<u> </u>	Page 5												

]					1994	1995	1996	1997
1D	Name	Dur	SchedStart	SchedFinish	Predecessors	Q2 Q3 Q4	Q1 Q2 Q3 Q	1 Q1 Q2 Q3 Q4	Q1 Q2 Q3 Q4
176	Begin Permit prep.	22d	Fri 11/1/96	Mon 12/2/96	144		·		
177	Cert. (ssued	00	Mon 3/17/97	Mon 3/17/97	174FS-22d				♦ Mon 3/17/97
178	Dept. of Fisheries HPA	96d	Frl 11/1/96	Mon 3/17/97					
179	Prep HPA	22d	Fri 11/1/96	Mon 12/2/96	144				
180	HPA Issued	Dd	Mon 3/17/97	Mon 3/17/97	179, '74FS-22d	į			Mon 3/17/97
161	DNR Right of Entry Agreement	167d	Mon 8/12/96	Tue 4/1/97			,		1.
182	DNR Agreement	90d	Mon 8/12/96	Fri 12/13/96	134				
183	Sign DNR Agreement	b 0	Tue 4/1/97	Tue 4/1/97	177,180,168				Tue 4/1/97
184	Contract Document Preparation	209d	Fr l 8/23/9 6	Wed 6/11/97					
185	Prepare 60% Bld Submittal	45d	Fri 8/23/96	Thu 10/24/96	135	-			
186	Prepare 90% Bid Submittal	30d	Wed 4/2/97	Tue 5/13/97	183				,
167	Prep of Division 0 Forms	30ɗ	Wed 4/2/97	Tue 5/13/97	183	-		Mary]
186	Completion of 100% Document	21d	Wed 5/14/97	Wed 6/11/97	166	-			
189	Bid Advertisement & Award	139d	Thu 6/12/97	Mon 12/22/97			·	7	
190	Prepare bid package	5d	Thu 6/12/97	Wed 6/16/9?	188	- 1			William III
191	Advertisement	23d	Thu 6/19/97	Mon 7/21/97	190	-			1
192	Contractor Selection/Approval	45d	Tue 7/22/97	Mon 9/22/9;	191				
193	Nolice to Proceed	Od	Sal 11/1/97	Sal 11/1/9;	7 192FS+30d				-]
194	Construction	36d	Mon 11/3/97	Mon 12/22/9	7 193	_			1

Page 6

Summary

EcoChem, Inc. V

				nning and					
	1992/1993	1994	1995	1996	1997	1998	1999	2000 +	Total
Site Investigation									
Study Plan	19					_			19
Phase 1 Sampling		57			_				57
Phase 2 Sampling			72)	72
Phase 3 Sampling			13					***************************************	13
Project Management		9	10						19
Sub Total	19	66	95						180
Clean-Up Plan								· m· v-gy-comoconou	
Contracting and Amendment		4	15	10				***************************************	29
Ecochem		· · · · · · · · · · · · · · · · · · ·		78			•		29 78
Contract Management			6	12					13
Project Management		1	4	22					27
Sub Total		5	25	122				_	152
Permitting						· · · · 			<u>. </u>
EA				24					24
Ecochem				5	5				10
Right-of-Way					8			and the same of th	15
Shoreline					5				5
Easement					15			Announce	15
Contract Management	1				4				4
Project Management				1C	8			-	18
Contingency		··							Ö
Sub Total				46	45				91
P&D Sub Total	19	71	120	168	45				423

			
Norfolk Proje	ct Construction	Budget 2000+	Total
Bid Documents	1331	2000	I Utal
Ecochem	48		48
Contract Management	6		6
Engineering and Divisional Review	6		6
Construction Review	4		4
Sub Total	64		64
Construction			· · · ·
Dredging Contractor	700		700
Bonding (10%)	70		70
Profit (10%)	77		77
Ecochem Support	37		37
Construction Oversight	16		16
Contract Management	16		16
Contingency	182		182
Sub Total	1048		1098
Construction Sub Total			1162
Monitoring			
Post-Construction		100	100
Project Management	16		16
Construction and Monitoring Sub Total			1278
Total Project			1701

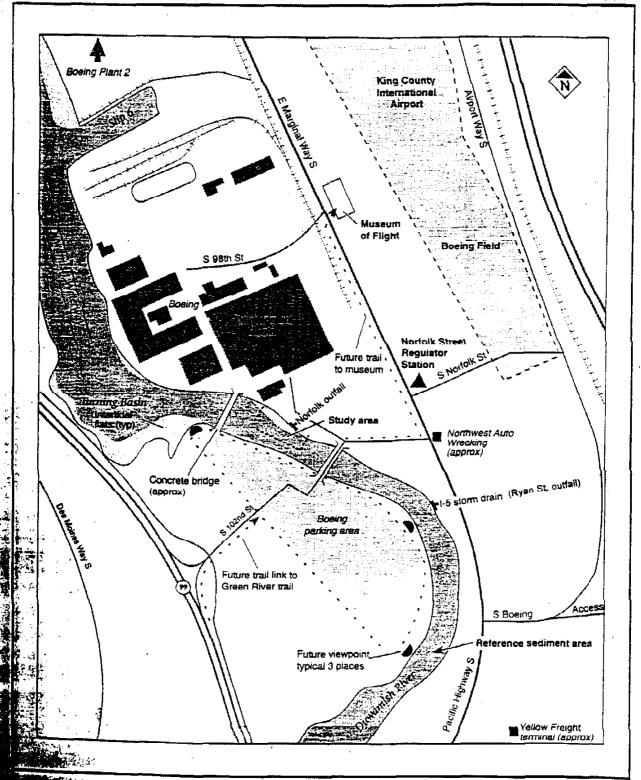


Figure 2-2

Norfolk CSO Sediment Cleanup Study SITE MAP

USGS, 1973; USGS, 1983; Tanner, 1991; Boeing, 1994.

Diagonal/Duwamish CSO

Location/Description and Background:

The Duwamish and Diagonal outfalls are located in the lower portion of the Duwamish River Waterway upstream of Harbor Island and immediately downstream of Kellogg Island and originate from the east bank. The King County Duwamish outfall is submerged, but recent modeling indicates that overflows have not occurred for many years and should not in the future under normal operating conditions. The City of Seattle Diagonal outfall has a 12 foot diameter outfall structure visible on the shoreline. This outfall currently receives mostly stormwater from both the Diagonal and Hanford drainage basins with a combined average annual volume of about 685 MG per year. Low flow diversion structures were installed in the new storm system to divert low storm flows to the King County collection system for treatment. A CSO control project in 1987 was estimated to reduce the CSO volume from over 300 MG per year down to about 7 MG per year. However, recent data indicate the actual volume is larger and may be 50 - 70 MG per year. Monitoring is proceeding to verify the actual volume.

In 1994, a four document Cleanup Study Plan was prepared consisting of the Work Plan, the Sampling and Analysis Plan, the Health and Safety Plan, and the Public Participation Plan. These documents underwent Public review and were approved by the EBDRP Panel. Three Phases of Site Assessment sampling were conducted from 1994 to the end of 1995 to define chemical conditions in surface sediments and at depth below the surface. This information was presented in a Site Assessment Report that identified the following 4 chemicals of concern: Mercury, PCBs, Bis (2-Ethylhexyl) Phthalate and Butyl Benzyl Phthalate.

The primary chemical driving the cleanup boundary for the site was Bis (2-Ethylhexyl) Phthalate, which appears to have values exceeding the Cleanup Screening Level (CSL) extending for a long distance both upstream and downstream of the discharge pipes. The strategy developed to close the upstream and downstream boundary was to conduct bioassay testing at a few stations and these were established to be non-toxic. The offshore boundary was set at the edge of the dredged channel.

Scope: Goals:

The Diagonal/Duwamish project will remove from aquatic life and human exposure the contaminated sediments associated with the boundaries.

The cleanup alternatives for this project have not been evaluated yet because work was suspended due to lack of planning and design funds for sediment projects.

	1992/1993	1994	1995	1996	1997	1998	1999	2000 +	Total
Site Screening							V		
Sediment Sampling	12		4						16
Bathymetry	26	3							29
Project Management	6	4				···			10
Sub Total	44	7	4					-	55
Site Investigation	- Anna Anna Anna Anna Anna Anna Anna Ann								
Study Plan	28								28
Phase 1 Sampling		111						1	111
Phase 1.5 Sampling			37					·····	37
Phase 2 Sampling				109					109
Project Management		15	14	13		· · · ·			39
Sub Total	28	126	51	119					324
Clean-Up Plan							-		
Contracting and Amendment		6	23						29
Ecochem				122	199			-	321
Contract Management			12	15	10				37
Project Management		2_	14	23	11				50
Sub Total		8	40	160	220				437
Permitting									
EA					15				15
Contract Amendment					13				13
Ecochem					20				20
Right-of-Way					7	8			15
Shoreline Permit						7_			7
Easement						15			15
Project Management					10	3			13
Contingency					10	14			24
Sub Total					75	47	**		122

Duwamish/Diagonal Pi	roject Const	ruction Budge	t
	1998	2000+	Total
Bid Documents			
Ecochem	65		65
Contract Management	10		10
Engineering and Divisional Review	7		7
Construction Review	5		5
Sub Total	87		87
Construction			
Remediation Contract	3000		3000
Ecochem Support	60		60
Construction Oversight	32		32
Contract Management	20		20
Contingency	520		520
Sub Total	3632		3632
Construction Sub Total			3727
Monitoring			
Post-Construction		200	200
Project Management	24		24
Construction and Monitoring Sub Total			3943
Total Project			4881

OPTIONS FOR HANDING THE ECOCHEM CONTRACT WITHIN P & D CAP

The P & D cap allocated to sediment projects is insufficient to complete the Alternatives Evaluation (AE) Report under the Ecochem contract. Consequently, KCDNR is seeking direction from the SRTWG and Panel for a preferred course of action. One of the three options listed below would allow work to continue on schedule while two of the three involve suspending work for about 9 months until the Consent Decree Amendment is approved to allocate more P & D funds to sediment projects.

OPTION 1: Authorize KCDNR to incur P & D expenses that total \$ 111,000. 00 beyond the current sediment project allocation and consider this a loan from the Habitat P & D allocation until the Consent Decree Amendment is approved. This authorization would allow completion of the AE report plus Environmental review and keep the project on schedule for about another 6 months past February and up through the end of August 1997.

Advantages:

- Avoids stopping the project and delaying construction for one year which could result

in increased project costs of about \$ 168,000.

Disadvantages: - Takes a risk that if the amendment did not pass that one or more Habitat projects

would be without P & D funds

-- The \$ 111,000, authorization requested now will keep the project going for about 6 months after which time another P & D authorization of \$ 118,000, will be needed to complete the permitting and keep the project on schedule for construction in late 1998

OPTION 2: Suspend work on AE report for 9 months until amendment is approved, but first complete a minimum amount of work to get agreement on the cleanup options to be evaluated when work resumes. Ecochem work on DU/DI would be suspended the first part of March 1997.

Advantages:

- Stays within current sediment P & D allocation
- Allows cleanup alternatives to be set while SA report is fresh in everyone's mind before suspending work

Disadvantages: - Delays construction one year that can increase construction costs by \$ 157,000. due to

a 4.2 % inflation on the construction budget of \$ 3,743,000.

- Added Ecochem costs of \$ 11, 45 K for work suspension (\$ 6, 5 K stop & start costs, plus added insurance of \$ 4, 95 K due to loss of cost sharing with Norfolk project) - SA report stays as draft for an additional 9 months until AE report is finalized

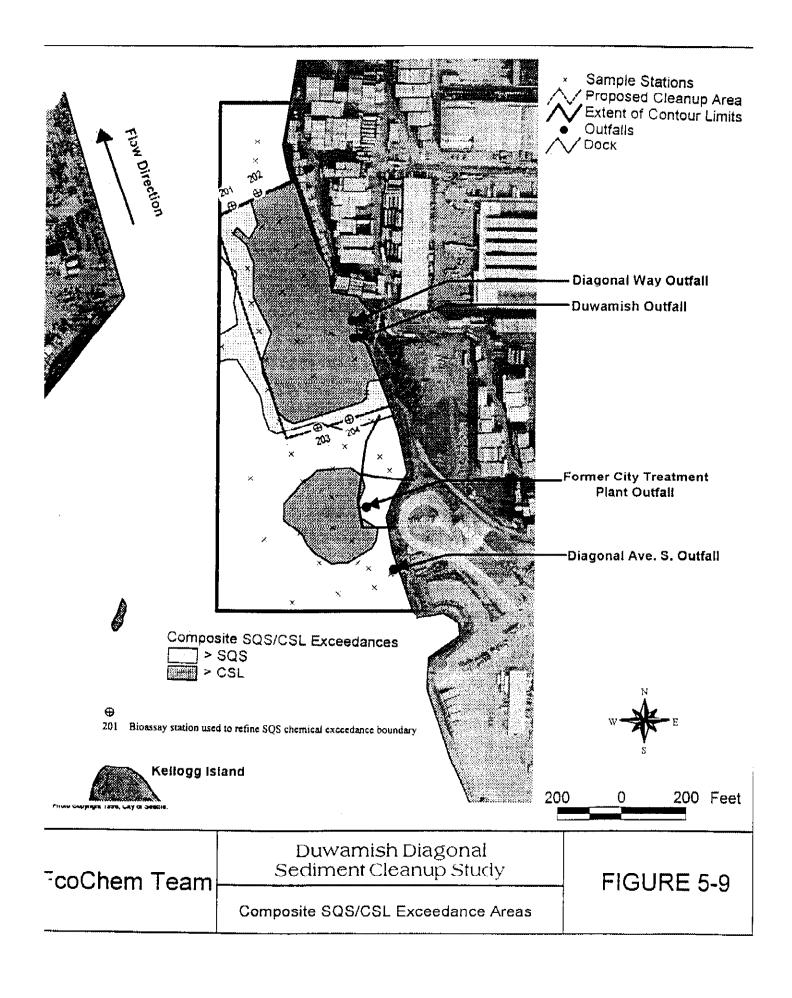
OPTION 3: Suspend work on AE report for 9 months, but first complete the first 3 chapters of the draft AE report (Applicable Laws and Regs; ID and selection of technologies; and Screening of Alternatives) and also produce a finalized SA report that includes revisions relative to SRTWG and Panel review. This work can be accomplished within the current amount allocated for sediment project P & D. The forth and final chapter of the AE report (Detailed evaluation of alternatives and their costs) will be postponed until additional funds are available to resume work after the amendment is approved. Ecochem work on DU/DI would be suspended mid May 1997.

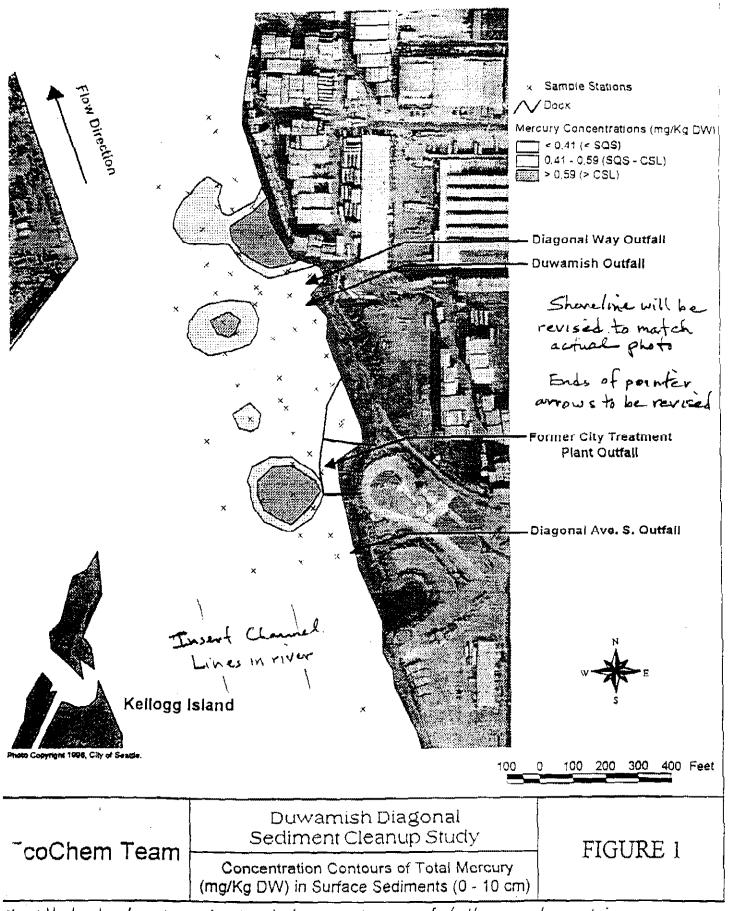
Advantages:

- Stays within current sediment P & D allocation
- Completes several chapters of draft AE report
- Provides a finalized SA report as a product before suspending work

Disadvantages:

- Delays construction one year that can increase construction costs by \$ 157,000, due to a 4.2% inflation on the construction budget of \$ 3, 743,000.
- Added Ecochem costs of \$ 11, 45 K for work suspension (\$ 6, 5 K stop & start costs, plus added insurance of \$4.95 K due to loss of cost sharing with Norfolk project)





4.2.4 Central Waterfront Cleanup

Location/Description and Background:

Recent studies have identified levels of contamination in sediments along the waterfront which exceed the state sediment standards. Mercury and petroleum products showed the greatest exceedences of state standards. Previous studies, conducted by the EPA, Metro (County), Ecology and Hart Crowser (consultants), identified contaminants of concern in the surface sediments along the waterfront, specifically mercury, silver, PAHs, benzyl alcohol, butyl benzyl phthalate, phenol, and benzoic acid.

The full extent to which certain marine organisms are directly affected by the pollutants is unknown. However, it is generally understood that the accumulation of pollutants in the sediment has impaired the habitat value for some life forms. In cases where bottom-feeding fish or shellfish accumulate certain pollutants in their bodies, there may also be a risk to humans who consume these organisms.

Performance Work Statement:

A workplan has been developed and is filed in the Panel's Administrative Record, it is not included here for the sake of brevity.

Please Refer to the next several pages for Scope, Schedule and budget

ELLIOTT BAY/DUWAMISH RESTORATION PROGRAM

CENTRAL SEATTLE WATERFRONT REMEDIATION PROJECT EXECUTIVE SUMMARY

January 23, 1996

The Elliott Bay/Duwamish Restoration Program is a connecative, intergovernmental program established to help restore natural resources injured by pollution in Elliott Bay and the Lower Duwamish River. The Elliott Bay/Duwamish Restoration Program Panel (Panel) is comprised of representatives from National Oceanic and Atmospheric Association (NOAA), Washington State Department of Ecology (Ecology), U.S. Fish and Wildlife, Muckleshoot Tribe, Suguamish Tribe, the City of Seattle (City) and the King County Department of Metropolitan Services (Metro). The Panel is responsible for implementing the requirements of a consent decree that settled a 1990 lawsuit filed by the U.S. Department of Commerce acting through NOAA against the City of Seattle and Metro. The decree established funds (\$24 million) to be paid equally by Metro and the City for alleged damages to the natural resources of Elliott Bay and the Duwamish River from combined sewer overflows and storm drain discharges.

The Panel established a Sediment Remediation Technical Working Group to identify and prioritize potential sediment cleanup and habitat development projects. Working with the public, the group established an initial list of possible projects, developed criteria and ranked the projects.

The results of the evaluation process, which was partially based on the Washington State Sediment Management Standards (SMS) adopted by Ecology in 1991, ranked three central Seattle Waterfront outfalls (Madison Street, Washington Street and University Street) as high priority project sites.

These sediment standards identified specific contaminant levels below which no adverse effects would be observable in benthic communities, which is the group of organisms that live on or within the top layer of aquatic sediments. This threshold value is called a Sediment Quality Standard (SQS) and varies for different contaminants. The SMS also established Cleanup Screening Levels (CSLs) which represent the upper limit of allowable minor effects on biological resources.

Recent studies have identified levels of contamination in sediments along the waterfront which exceed state sediment standards. Mercury and petroleum products showed the greatest exceedences of state standards. Previous studies, conducted by the EPA, Metro, Ecology and Hart Crowser, identified

contaminants of concern in the surface sediments along the waterfront, specifically mercury, silver, PAHs, benzyl alcohol, butyl benzyl phthalate, phenol and benzoic acid.

These studies found that metal concentrations were fairly low with the exception of mercury, which exceeded Ecology's Cleanup Screening Level (CSL) over a large portion of the site. Organic contaminant concentrations in suspended particulates were found to vary along the waterfront. Vertical profiles in bottom cores in the northern portion of the study area indicate that peak concentrations of most contaminants were located below the surface.

The full extent to which certain marine organisms are directly affected by pollutants is unknown. However, it is generally understood that the accumulation of pollutants in the sediment has impaired the habitat value for some life forms. In cases where bottom-feeding fish or shellfish accumulate certain pollutants in their bodies, there may also be some risk to people who consume these organisms.

Recontamination Study

As the first step in potentially conducting a cleanup along the waterfront, the Panel sponsored a Waterfront Recontamination Study in 1993. The goal of this study was to determine the feasibility of conducting sediment cleanup along the waterfront. The study area focused on the portion of Elliott Bay along the Seattle Waterfront from Pier 46 to Pier 59. The Recontamination Study included a year long field investigation designed to evaluate sources of contamination, transport and circulation patterns, and depositional rates. The study findings include:

- Currents along the waterfront appear to be affected by the ferries idling at Colman Dock and converge from the north and south of the ferry terminal, where water is moved offshore.
- Most ongoing point sources of pollution from outfalls were adequately controlled; however, nonpoint sources may pose some long-term risk to a successful cleanup, and
- Resuspension of existing contaminated surface sediments is the most likely ongoing source for recontamination in the study area.

Based on the current patterns, two large cleanup areas were recommended, one extending from Pier 46 to the south end of Colman Dock (Pier 52) and one extending from the north end of Colman Dock to Pier 59. To prevent recontamination of a cleanup project due to resuspension of nearby

contaminated bottom sediments, the study recommended that any areas that are connected by circulation patterns should be remediated as a whole.

Based on the conclusions and recommendations of the Study that the potential for a successful long-term cleanup was good, the Panel has decided to focus on a cleanup project limited to the waterfront between Piers 52 and 59.

Cleanup Process

The cleanup will follow the guidelines established by Washington State for marine sediment cleanups. A Cleanup Study Plan will be completed, reviewed by the public and approved by the Washington State Department of Ecology. The plan is made up of four documents: the Workplan, the Sampling and Analysis Plan, the Health and Safety Plan, and the Public Participation Plan. The draft Workplan and draft Public Participation Plan are available at this time. The remaining documents will be available in March.

Workplan

The purposes of the tasks described in this Workplan are as follows:

- To determine the plan and approach for a cleanup study investigation;
- To determine the nature and extent of contamination:
- To determine which areas of the site need to be cleaned up; and
- To develop and evaluate a set of feasible cleanup alternatives for cleanup of identified contamination.

The Workplan includes the following main elements: project management and staffing plan, site characterization, source investigation summary, site investigation plan, approach for alternatives assessment and a schedule.

Public Participation Plan

The objectives of the Central Seattle Waterfront Sediment Remediation Project's Public Participation Plan are to:

- Involve the public in project development and implementation to ensure the best project results;
- Inform the public about the cleanup site, studies, alternatives selection, implementation and monitoring; and to
- Encourage public comment about the studies, alternatives selection, implementation and monitoring as these elements are being developed.

At appropriate times during project development, the public will receive notice of public comment/review opportunities. Public notices will be posted

in the following newspapers: the Seattle Times and the Daily Journal of Commerce. Announcements will be made available to the general news media and to those individuals and groups on the Central Seattle Waterfront project mailing list. Notice of the contract bidding process will be published in the Daily Journal of Commerce.

The documents listed above will be available for review at:

- Seattle Public Library -- Downtown Branch (Government Documents Section)
- Seattle Drainage and Wastewater Utility 710 Second Avenue, Suite 660, Seattle
- Washington State Department of Ecology, Northwest Regional Office 3190 160th Avenue Southeast, Bellevue
- National Oceanic and Atmospheric Administration's Damage Assessment and Restoration Center Northwest, Building No. 1, 7600 Sand Point Way Northeast, Seattle

Schedule

The following draft schedule highlights important milestones in the cleanup process. A detailed schedule is included in the Workplan.

Tusk	Time
Clean Up Study Documents	111116
Preparation	January - March, 1996
Public Review	March 4 - April 3, 1996
Ecology Approval	April 1996
Sampling and Analysis	
Sample Collection	May/June 1996
Sample Analysis	Summer/Fall 1996
Site Assessment Report	Fall 1996
Feasibility Report	
Assemble and Evaluate Cleanup	Fall/Winter 1996
Alternatives	
Environmental Assessment	Winter 1996/97
Public Meeting	Spring 1997
Selection of Best Alternative(s)	Spring 1997
Ecology Cleanup Decision	Spring 1997
Permitting	Summer/Fall 1997
Prepare Construction Documents	Fall/Winter 1997/98
Construction	Winter/Spring 1998
Long-term Monitoring	1998 το 2008

Once the Cleanup Plan is completed a Cleanup Study will be completed, which includes conducting the sampling and analysis and selecting the best alternative for cleaning up the project area. Construction and long-term monitoring will then follow

For more information

Please contact Chris Woelfel, project manager, at the Seattle Drainage and Wastewater Utility, 684-7599.



Waterfront Clean Up: Project Plan

Prior to conducting any additional sampling along the Waterfront, it is necessary for us to write a Clean Up plan and submit the plan for public review and Ecology approval. The Clean Up plan is comprised of four documents: Work Plan, Sampling and Analysis Plan, Health and Safety Plan and a Public Participation Plan.

I anticipate that all four documents will be ready for public review in March. The proposed budget is shown below.

Task	Staff	- Hours	Cost/hr %	Total	Total with
Write Work Plan	city C.W.	80	\$20	\$1,600	S3,488
Write Sampling & Analysis Plan (SAP)*	Metro	*	*	*	*
Write Health & Safety Plan (to be discussed at SRTWG)		*	*	*	*
Write Public Participation Plan	city C.W.	5	20	100	218
Graphics for Work Plan & SAP	city	40	20	800	1,744
Review time for all documents, (5-6 staff members)	oity &	75	30	2,250	4,905
Incorporate revisions/final editing	city C.W.	20	20	400	872
Printing costs (except SAP)	city				1,000
Meetings: includes prep for 8 SRTWG, 3 Panel and 1 public mtg.	city C.W.	40	20	800	1,744
Project management	city C.W.	40	20	800	1,744
TOTAL		260 hr			\$15,715

^{*} to be submitted at a future meeting

Update on previous budget requests:

8/31/95 84 hours to develop Project Plan. Completed in < 60 hours.

8/31/95 131 hours to develop consultant scope of work. The consultant scope of work has been postponed. It's been determined that the Cleanup documents (this budget request) are more critical to the project timeline than the consultant scope.

City of Seattle

Budget Request for Selecting a Consultant for the Central Seattle Waterfront Project June 6, 1996

Evaluate Army COE option vs. consultant	500
Evaluate proposals (includes review & mtg time)	9,000
Interview (includes prep & mtg time)	4,000
Misc, project manager time	1,000
Printing/advertising/postage costs	500
	15.000

WATERFRONT BUDGET ESTIMATES - 4/11/96 Estimates based on 3/28/96 information

	PLANNING	AND DESIGN	COSTS	•	
Task	Spent	Proposed '96'	Proposed '97	Proposed '98	Total
Site Investigation:					
Recontam. Study	\$432,000				
Cleanup study documents	\$22,000				
Sample collect'n & anal (3/28)		\$120,000			
Total	\$454,000	\$120,000	\$0	\$0	\$574,000
Cleanup Stray			100		
Consultant selection	#	\$15,000			
Consultant contract (pre design)		\$250,000	rough estimate		
Design costs	······································	\$125,000	rough estimate		
Total	S 0	\$390,000	50	\$0	\$390.000
Permits/Leas s					
Total - includes labor and fees			\$15,000		\$15.000
Project Management (3/96 - 12/	971			*	
20 hr/wk for 1.75 yr @ \$55/hr		\$43,000	\$57,000	1	\$100,000
This includes all city staff time.					
Total for above sections					\$1,079,000

Construction:-	These numbers are everage valu	es from earler enumate works	nze js .
Capping		\$1,350,000 	
Dredge/disposal		\$700.000	
Inspect'n/Managm't/Const. Monitor	15% of construction	\$300,000	
Contingency	15 % of above items	\$350,000	
Total		\$2,700.000	\$2,700.000
Lougterm Monitoring		\$250,000	\$250.000

	TOTAL COSTS	
Design, construction and monitoring		\$4,029,000

These estimates reflect design costs of:

37%

WATERFRONT BUDGET ESTIMATES - 4/11/96 Proposed major cuts to reduce P&D costs -- See attached sheet for details

Task	Spent	Proposed '96	Proposed '97	Proposed '98	Total
Siteinvestigation					
Recontam, Study	\$432,000				
Cleanup study documents	\$22,000				
Sample collect'n & anal. (4/11)		\$60,000	cut all cores. 2 bi	oassays and 🖥 surfa	ce cham
Total	\$454,000	\$60,000	\$0	\$0	\$514.000
Cleanup Study		A CONTRACTOR	www.managagg		***************************************
Consultant selection		\$15,000			
Consultant contract (pre design)		\$125,000	assumes cap is o	nny option – rough	930M.
Design costs		\$100.000	assumes COE de	ssigns cap – rough i	esum.
Total	\$0	\$240,000	\$0	\$0 \	\$240.000
Permits/Loase			and the second	an management of the second of the second	erenne en
Total - includes labor and fees			\$15,000		\$15,000
roject Management (1996 - 12)	97)				
15 hr/wk for 1.75 yr @ \$55/hr		\$29,250	\$39,000		\$68.250
his includes all city staff time.		This shows a red	uction of 20 hr/ma	nth.	
Total for above sections					\$837,250
(1)	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			SAVINGS	\$241,75

Construction -	These numbers are even	ege velues from ea	tier estimate works	te el s				
Сарріпд	i l		\$1,350,000					
Dredge/disposal			\$700,000					
nspc'tn/Managm't/Constr. Monitor	15% of construction		\$300,000					
Contingency	15% of above items		\$350,000					
Totai			\$2,700,000	\$2,700,00				
Congress Mendering								
Rough estimate	•	estimate	\$250,000	\$250.00				

TOTAL COSTS	· ·
Design, construction and monitoring	\$3,787,250

These estimates reflect design costs of:

28%

ATTACHMENT A.

AMENDED BYLAWS

OF

ELLIOTT BAY/DUWAMISH RESTORATION PROGRAM PANEL

ARTICLE I

The "Panel of Managers" created under the Consent Decree entered in <u>United States</u>, et al. v. <u>The City of Seattle and Municipality of Metropolitan Seattle</u>, Case No. C90-395WD, shall hereafter be referred to as the "Elliott Bay/Duwamish Restoration Program Panel."

ARTICLE II MEMBERS

Each member group, as defined in paragraph 5 of the Consent Decree, shall upon approval of these Bylaws designate in writing to the Panel chair a voting representative together with such alternates as it deems appropriate to represent it on the Panel. Any member group may substitute its voting representative by written notice to the Panel chair.

ARTICLE III MEETINGS

- 1. Regular Meetings. The Panel shall meet at least quarterly, as required, at such times and places agreed to by the Panel. All Panel meetings will be open to the public unless the Panel chooses by majority vote to conduct a Panel meeting in executive session.
- 2. Agenda. An agenda prepared by the chair in consultation with the administrative director shall be given at least three days prior to any regular meeting. Member groups may designate items to be included in the agenda. All Panel meeting agendas will include a time and space allocation for "Public Comment." This regular agenda item is designated for public or non-Panel members to appear before the Panel and share their ideas, comments, and views on Panel activities.
- 3. Special Meetings. Special meetings of the Panel may be held at any place and time whenever called by any four member groups.
- 4. Notice of Mectings. Notice of the time and place of any special meeting of the Panel shall be given by the secretary or by the member groups calling the meeting, by mail, telegram, facsimile, or by personal communication over the telephone or otherwise, at least three (3) days prior to the date on which the meeting is to be held. The business to be transacted and the purpose of any meeting of the Panel shall be specified in the form of an agenda in the notice or any waiver of notice of such meeting. Attendance of a member group at any meeting shall constitute a waiver of notice of such meeting, except where the member group attends a meeting for the purpose of objecting to the transaction of any business because the meeting is not lawfully called or convened.

- 5. Quorum. A majority of member groups shall constitute a quorum for the transaction of business. At any meeting of the Panel at which a quorum is present, any business may be transacted, and the Panel may exercise all of its powers. A member group present at such a meeting shall be presumed to have assented to the action taken at the meeting unless the member group's dissent or abstention is entered in the minutes of the meeting or the member group files its written dissent or abstention to such action with either the person acting as secretary of the meeting before adjournment of the meeting or by registered mail to the secretary immediately after the adjournment of the meeting. Notwithstanding the provisions of Article VII(1), any action excepting an action on reconsideration taken by the Panel shall be tabled for reconsideration at the next meeting of the Panel upon the request of any member group where: (a) the action was not set forth in an agenda or notice for the meeting at which it was taken; or (b) the action was taken by vote of the Panel based on a three-two or three-one majority.
- 6. Meetings Held by Telephone or Similar Communications Equipment. Member groups may participate in a meeting of the Panel or its committees by means of a telephone conference or similar communications equipment by means of which all persons participating in the meeting can hear each other at the same time and participating by such means shall constitute presence in person at a meeting.
- 7. Meeting Conduct. Member groups only shall participate in Panel meeting agenda discussions and decision making processes. If non-Panel members wish to appear before the Panel and contribute to Panel agenda discussions, such non-Panel members must either contact the Chair in advance of the Panel meeting and request special placement on the agenda in accordance with paragraph (2) above or attend the Panel meeting and be heard during the regularly scheduled "Public Comment" period reserved on each regular Panel meeting agenda.
- 8. Form of Actions. The following actions of the Panel shall be taken and memorialized in the form of resolutions: designation and appointment of committees; appointment and removal of an administrative director; designation and elimination of additional working groups; specification and modification of additional powers and duties of the Chair and Secretary; alteration or amendment of the Bylaws; adoption of budgets; adoption of project proposals; approvals of expenditures from the Registry Account; acceptance of proposals for the performance of in-kind services; appointment of a party to undertake projects on behalf of the Panel; establishing guideline for reimbursement of Trustees' expenses; and such other actions as the Panel shall determine.

ARTICLE IV COMMITTEES AND WORKING GROUPS

1. Committees. The Panel may designate and appoint any committees. Each committee shall consist of two (2) or more member groups and shall have and exercise such authority of the Panel as may be specified in the resolution establishing the committee. However, no such committee shall have the authority of the Panel to amend, alter or repeal the Bylaws; elect, appoint or remove any member of any such committee or any administrative director appointed by the Panel; or amend, alter or repeal any resolution of the Panel.

Working Groups. The Panel may designate and appoint any working groups to assist the Panel in carrying out its duties under the Consent Decree. The membership on any working group is open to any representatives designated by member groups, those representatives those agencies or entities identified in paragraph 15 of the Consent Decree, and to such other qualified individuals as determined by the Panel. Each working group shall elect or designate a chair who is also a representative of a member group. A working group shall exercise no power or authority of the Panel. Working groups will serve to analyze and recommend restoration, remediation and source control projects and the means to implement those projects. Any proposal developed by a working group shall be presented to the Panel by the working group chair or a person designated by the working group chair.

ARTICLE V. ACTIONS BY WRITTEN CONSENT

Any action required or permitted by the Consent Decree or Bylaws to be taken at a meeting of the Panel may be taken without a meeting if consent in writing, setting forth the action so taken, shall be signed by all member groups entitled to vote with respect to the subject matter thereof. Such consent shall have the same force and effect as a unanimous vote, and may be described as a such.

ARTICLE VI. WAIVER OF NOTICE

Whenever any notice is required to be given to any Panel member or member group by the Consent Decree or Bylaws, a waiver thereof in writing signed by the Panel member or member group to such notice, whether before or after the time stated therein, shall be the equivalent to the giving of such notice.

ARTICLE VII. OFFICERS

- 1. Officers Enumerated. The officers of the Panel shall be a chairperson and a secretary. In addition to the powers and duties specified below, the officers shall have such powers and perform such duties as the Panel may prescribe.
- 2. The Chair. The chair must be a designated representative of a member group on the Panel. He/she shall preside at meetings of the Panel and any committees exercising any authority of the Panel. It is the duty and responsibility of each acting Chair to enforce any and all Panel rules of procedure and to control and direct all Panel discussions and comments. The position of chair shall rotate among the member groups on a quarterly basis commencing January 1, 1992. The voting representative for the Department of Ecology shall serve as the first chair to be succeeded in order by the voting representative of the Suquamish Indian Tribe, the Muckleshoot Indian Tribe, Scattle, Metro, and then that voting representative designated jointly by NOAA and Interior.
- 3. The Secretary. Unless the Panel acts otherwise, the administrative director appointed by the Panel shall automatically serve as secretary. It shall be the duty of

- the secretary to keep records of the proceedings of the Panel including a true and accurate copy of the Bylaws, any resolutions or amendments to the Bylaws adopted by the Panel, and minutes of any and all meetings of the Panel.
- 4. <u>Yacancies</u>. Vacancies in any office arising from any cause may be filled by the Panel at any regular or special meeting. In the event a chair or designated alternative is not present at a meeting, the voting representative of the member group next in rotation to serve as chair shall serve as chair at that meeting.
- 5. Removal. Any officer elected or appointed may be removed by the Panel whenever in its judgment the best interest of the Panel will be served thereby.

ARTICLE VIII. ADMINISTRATIVE PROVISIONS

- 1. Dispute Resolution. Any member group objecting to an action by the Panel may request reconsideration of such action in writing. Provided such a request is submitted to the chair within thirty (30) days of the Panel's action, the time to seek judicial review of the Panel's action in accordance with paragraph 7 of the Consent Decree shall run from the date the request for reconsideration is denied. A request for reconsideration shall be heard at the next regular meeting of the Panel. A request for reconsideration shall be deemed denied if not resolved within thirty (30) days of submission to the chair. Submission of a request for reconsideration shall not be deemed a waiver of any right to file a petition for review pursuant to paragraph 7 of the Consent Decree.
- 2. <u>Amendment of Bylaws</u>. These Bylaws may be altered, amended or repealed by the affirmative vote of a majority of the member groups in accordance with the Consent Decree at any regular or special meeting.
- 3. Rules of Procedure. The rules of procedure at meetings of the Panel shall be the rules contained in Roberts Rules of Order on Parliamentary Procedure, newly revised, so far as applicable and when not inconsistent with these Bylaws, the Consent Decree or with any resolution of the Panel.

Summary of Obligations and Documented Expenditures 1992-1996

Summary She	ot	Documentation F	rovided							
	\$Obligated	IK Obligated	Disbursed	PFS	P&D	₽P.	Ю	973	3 C	K Documented
										•
1992	469,131.32	340,760.00	113,015.55	36,796.97	251,091.82	0.00	0.00	86,432.71	0.00	261,296.95
1993	717,931.30	62,515.00	363,802.67	236,836.05	185,402.02	0.00	0.00	51,373.00	0.00	109,808.00
1994	671,289.50	445,719.20	403,374.43	151,593.30	584,686.13	0.00	0.00	29,167.00	0.00	362,072.00
Subtotal	1,858,352.12	848,994.20	880,192.65	425,226.32	1,021,179.97	0.00	0.00	166,972.71	0.00	733,176.95
1995	1,372,926.09			78,413.87	222,173.22	9,00	0.00	0.00	0.00	0.00
1996	2,065,962.36	1,603,943.08	189,100.06	78,392.06	90,708.00	0.00	0.00	0.00	0.00	0.00
Total	5,297,240.57	3,403,485.28	1,349,879.80	582,032.25	1,334,061.19	0.00	0.00	185,972.71	0.00	733,176.95
		the City and KC into			h 1996		-			
733,176.95	In-kind Services (locumented (include	s KC and City) thre	ugh 1996						
\$5983,176.95	Total									
* Not all docu	imented in-kind s	ervices have been	formally credited	by the Panel						
\$ 35,784.95 O	itstanding In-kind S	ervices that have be	en documented bu	t have not been	approved for credit	it.				

EB/DRP 92	7			estoration Obligated							Disbursed fr	om the D	soletry Acco	unt/In-blad c	radit Author	Ized
Accountin				Congated	ļ—		-				Dieparosc 11	Om the re-	rgiotiy Acco	GIIQIII-RISIG S	TOR MURIC	1544
		ollars	_	0.1. 1.1.	011111111111111111111111111111111111111	in-kind		50-L	4.43	D3	Diin-	Real	Habilal	Sediment	Source	In-kind
Resolution	<u>U</u>	Ollars		Obligated To:	Coligated For:	In-Ning Services	92	Disbursement	Addressee	Panel Function	Planning & Design	Property	Development	Remediation	Control	Services
Number	-	-	<u> </u>			Services	92	Amount		Function	Design	Property	Development	Hemedianon	Control	Selvices
	ļ. <u>.</u>						1		l							
1992-03	\$	34,000.00	110	NC	Public Inv.Pin	\$ 34,000.00	ŧκ		KCref 8/17/5	7,539.00						7,539.00
	 			·			1-		l				 			
1000 00				EB/DRP	20 5-4-4		-									
1992-05		97,500.00			93 Budget		-		 							
1992-06	1,0	22,500.00			92 Budget		1		 							
1992-08	-		IK	P.C.	Public Review	ref: reso:92-03	11K	 								
					 		11%	<u> </u>	 							
4008 44		12.500.00	-	WONR	EBCCOP		C	2,647,65	LACE D	0.047.00			 			
1992-11	\$ \$	12,500.00		T-105		48,000.00		2,047,65	TRUFU!	2,647.65			1 1			
1992-12	1	48,000.00	-18	1-705	preconstructo	48,000.00	╁┈	 								
1992-13		13,085.45	D.	NOAA	Admin Reim.		H	13,085.45	10041	13,085.45						
	\$	36,900.00			FIE		 -	36,000.90		13,085.45	36,000.00		1			
1992-14	\$	(48,000.00)		30quamisii T-105 92-12		[48,000.00]	 	36,000.00	Sequentish		36,000.00		<u> </u>			
1992-15		[48,096.00)	LIS	1-105 #2-12	NOT HUSO 12	(48,000.00	Ή—		 				 			
1992-16	\$	50,000.00	IK	SC.	CSO data	50,000.00	16		KCWPC		40,562.00					40,562.00
1992-17	J	50,000.00	iK		Stkhldr RPT	refer to reso 92-03		-	TOCATA C		45,562.00		ļ			40,302.00
1895-11			110	rw.	Opting III	19191 10 1630 82-03	1137									
1992-19	s	44,255,00	n	Muckleshoot	FIE		С	44 255 00	Muckleshool		44,255.00					
1992-20		222,760.00			Pler 53	222,760.00		14,152.00	KC		44,632.00			86,288.00		130,920.00
TOUL LU	-	222,700.00		Cty	Pler 53	221,700.00	1		City		81,146.24		i	135.71		81,281.95
			<u> </u>		1 101 00	i	1		1		57,110,127		 			
1992-21	\$	12,530.87	O	NOAA	Reim, AD		Ē	12,530.87	NOAA	12,530.87						
LUCE E.		12,000,01					1	72,100.00	1	151555						·-·
1992-23	\$	34,000.00	iΚ	KC.	Concept Doc	34,000.00	IX.		KIC:	994.00						994.00
1992-25	\$	10,000.00		Cornu	Concept Draw	3,133,113		4,496,58	Cornu		4,496.58		1			
1992-26	ľ	,		WONR	COOP	ref:92-11	C	7, 10, 10, 10, 10, 10, 10, 10, 10, 10, 10								
	1				1		-								1	
											1				0.00	•
		469,131,32				\$ 340,760.00		113,015.55		36,796.97	251,091.62	0.00	0.00	86,423.71	_	261,296.95
	1				1		1		1							
	!				T		1	1					1			
					1				ļl							
							1									
C-Contract	Costs				1				1	•						
K-in-kind S									ļ .				1			
		the Court A	ealstr	v Account	1		1		t						f	
s - seques!			- 5.51		†		1		<u> </u>				!			
us - unsequ					1		1	l					T			
		ded in Sum)			1		1-	ł	 				T			

Resolution Number	Dollars					į.			DIADRIAGE	f from the Registry		Account							
	DGHAIN		Obligated To	Obligated For:	in-kind Services		Disbursement Amount	Addresses	Panel Function	Planning & Design	Property	Habitat Dewlopmen	Sediment Renediation	Source Control	in-Kind Credit				
			KC KC	D 6 D 4				00/5/17/0	47.400.00				···		17.400.00				
2-3/17/8 2-5/20			KC KC	Pub.Part. 53/55 MonitorS		IK IK	<u> </u>	92/3/17/8	17,196,00		 		47,308.00		17,108.00 47,308.00				
2-23		ΙK	KC.	Conc.Doc		IK		92-23	31,027.00		+		41,308.00		31,027,00				
				5.010.000				<u> </u>	0.020						**,00**,00				
993-01		P	N/A	By-Law Amen	<u> </u>	├—					1								
993-02		P	N/A	Kenco		\Box					1								
993-03	34,624.50	В	Suguamish	Budgel see 93-12		1					1								
993-04	44,941.50	8		Budget see 93-16		1													
993-05	16,352.30		U.S. FAWS			D	18,352.30	USPWS	16,352.30										
	29,930.30		Muckleshoot			Ð	29,930.00	Muckleshoot	29,930.00		L								
	7,163.92		Suquemish			۵	7,163.82	Sucquamish	7,183.82		ļ	I							
993-06	10,000.30	C_	Ecology	WFT Scoping															
BP3-07	1,647,000.00	В	EB/DRP	Budget 1994															
993-08		P	N/A	PPC est.		\vdash					 								
993-09	4,065.00	ĸ	KC/City	Pler53m.rpt.	4,065.00	ΙK		KC/Chy					4,065.00	_	4,065.00				
993-10	7,197.87	ם	Ecology	Trustee Exp.		D	7,167.87		7,197.87						• • • • • • • • • • • • • • • • • • • •				
993-11	57,829.24	ם	NOM	Trustee/AD		D		NOAA	35,604.46										
						D	19,224.78	NOAA	19,224.78			· ,							
993-11B				ProLMGR sed.							<u> </u>								
993-12		D		FTE:ref:93-03		D		Suquemish		34,563.06	ļ								
993-13		Р		WFT Rec, Stdy.		D	31,726,43	Ecology		31,726.43	ļ								
993-14	400,000.00	K		Ecol Proj Mgr.				:			· 								
007.45	10,762.55		NOAA	WF/53 Sampling AD	5,000.00	ŀK		HC .	45.700.55	5,000.00					5,000.00				
993-15 993-18	10,762.33			FTE ref:93-04		D D	10,782.55	Muckleshoet	10,762.55	44,941.50	1	 -							
993-17	7,500.00		WONE	COOF 92-11/28		0	7,352.35		7,352.35	44,841.50	1								
993-18	7,350.00			WF:re! 93-14		D	66.869.03		23,600.00	63,869.53	+								
993-19			N/A	GFAs/Seaboard1st		1	60,608.03	LULXI)	20,000.00	00,000.00	 	l							
993-20			N/A	Cleanup Plan CSOs		Ιĸ					 -								
993-21	53,450.00		KG/C.ty	CSO wkoto dev	53,450.00			KC/City		5,302.00	1	ļ · · · · · · · · · · · · · · · · · ·			5,302.00				
993-22	29,114.52		NOAA	AD			29,114.52	NOAA	29,114.92		1								
993-23	5,000.00	С	Muckleshoot	Kenco Env.Aud.		-													
		<u> </u>																	
otal	717,931,30				82,515.00		363,802.67	I	236,836.05	'85,402.02	0.60	00.0	51,373.00	0.00	109,808.00				
- Contract																			
K - In-kind																			
• sequeste		<u> </u>]_]													
s - unseque	estered inot included in ଯି	L				Ш													

Elliott Ba	y /Duwamish	R	estpration	Program		Π									
Accounting	1994		L												
		ļ	Obligated			L		Disbursed	from the Reg	stry Account					
Resolution	Dollars	_	Oxligated To:	Obligated For:	in-Kind	H	Disbursement	Addressee	Panel	Planning 8	Pinel	Habitat	Sediment	Source	in-kind
Number					Services		Amount		Function	Design	Property	Development	Remediation	Control	Services
1992-17				P. Participation		1		KC	1,078.00						1,078.00
1992-05				P. Participation		T		KIC	3,352.00		- · · · · · · · · · · · · · · · · · · ·				3,352.00
1992-23				Concept Doc.				KC	2,289.00						2,289.00
1993-21								KC		41,297.00				.,	41,297.00
1994-01	\$34,692.00	ĸ	Metro	Pier53m.rpt.	34,692.00	IK		KC				_	29,167,00		29,167.00
1994-02	0		Ecology	WFT, Rec. Stdv.		<u> </u>	\$ 177,801.13	Ecology		177,804,13		 -			251,41,90
1994-03	70,000.00			Seaboard	70,000.00	Ιĸ		City	- 1			 			
1994-04	34,841.50	D	Suguarnish	FIE		D		Suguamish	<u> </u>	34,841.50		l			
1994-05	44,854.50	Ω	Muckieshoot	FTE		D		Muckieshoot	 	44,854.50					
1994-06	19,477.00	D	LISPWS	Truslee Exp.		ō			19,477.00						
	13,899.00			Trustee Exp.		ō		Suquamish	13,989.00						
1994-07	8,943.80			ΑD		ō		NOAA	8,943.80						
1994-08	35,527.20			sampling	35,527.20			KC		35,527.00					35,527.30
1894-09			Muckleshoot	Trustee Exp.		D		Muckleshool	12,179.10						
	12,689.88			Trustee Exp.		D			12,688.88						
	43,450.13			Trustee Exp.		D			43,450.13						
1994-10	1,974,000.00	Р	EBORP	Budget 95		В									
1994-11	15,934.67	D	NCAA	AD		О	15,934.67	NOAA	15,934.67		-				
1994-12	500.00			CDockSedSam	500,00	١	10,004.07	KC	10,00,101	500.00					500.00
1994-13	5,000.00			Appr. SCL	5,000.00			· · · · ·	 	- 342.13					
1994-14	190,000.00			D/D&NSedRem	190,000.00			KC		175,622.00	**	 			176,622.30
1994-15	12,022.59			AD	7.50/100700	Ö		NOAA	12,022.59			 			i. C,CLL. JC
1994-16"	96,500.00			D/D & N (ref:14/8)	96,500.00		12,022.00	KC	12,	72,240.00		 			72,240.30
1994-17	13,500.00			Src.Cont.Actl.	13,500.00						·				,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
1994-18	6,179.13	D	NOAA	AD		D	6,179.13	NOAA	6,179.13						
1994-19	1,000.00	С	A Ferdico	Dives		Ŀ	1,000.00	Ferdicc (CC)		1,000.00					
SUBTOTAL	\$671,289,50		(incl. in-kind se	n (cge)	445,719.20	F	403,374,43		151,593.30	584,686.13	0.00	0.00	29,167.00	0.0 6	362,072.00
JUD (U) AL	2017,200.30		IRICH, RITHERS SE	110.55	- ++0,519,20	-	403,314.43	 	131,283,30	307,000.13	0.00	0.00	20,107.00	0.00	302,012.00
	C-Contract Costs														
	IX-In-kind Services							1							
	E-Disbursements fro	om ti	he Court Regist	y Account		[<u> </u>	-								
	s - sequesiered														
	us - unsequesiered														·-·
	E - Budgets (not Inc	lide	d in Sum)					1						-	

Ellott Bay	71	Duwamish Res	toration Progra	ahu l		1								
Accounting	199	5	l											
	П	Obligated by	Resolution					Disbursed from the Registry Accoun			ļ			<u> </u>
Resolution	╁┤	Dollars	Obligated To:	Obligated For:	In-kind	Disbursement	Addressee	Panei	Plenning &	Roei	Hebitat	Sedimen!	Source	In-kind
Number	Н	DOILES	Doiguist 10.	Obligated 1 or.	Services	Amount		Function	Design	Property	Development	Remediation	Control	Services
			<u> </u>											
895-01	D	41,905.00	Suguamish	FTE		41,905.00	Suquamish		41,905.00					
995-02	D	7,554.40	NOAA	AD		7,554.40	NOAA	7,554.40			l			L
995-03	K	20,220.00		DD Sampling	20,220.00									
\$95-04	D	32,000.00		XWFTRec.Stdy			!							L
995-05	O		Muckleshool	Trustee Exp.		9,748.83	Muckeshoot	9,748.83		·				
	D	15,660.62		Trustee Exp.		15,660.62	Ecology	15,660.62			ļ			L
	D	33,301,53		Trustee Exp.		33,301.53	NOM	33,301.53						
995-06	ō	45,877.00	Muckleshod	FTE		46,877.00	Muckleshoot	 	46,877.00					
1995-07	p	2,067,000.00	EB/DRP	Budget 98		 		 						
	P		N/A	SCL III in GFA			<u> </u>	<u> </u>						Ĺ <u> </u>
995-09	0	9,518.00		Trustee Exp.		9,518.00	USPIVS	9,518.00						<u> </u>
	D		Suquemish	Trustee Exp.		2,630.49	Suquemish	2,630.49						Ļ
995-10	K	2,100.00		SCLSOW	2,100.00	}	<u> </u>	<u> </u>			<u> </u>			<u> </u>
995-11	K	48,654.00		DDN AlterAnal	48,654.00		-	<u> </u>						<u> </u>
995-12	K	12,000.00		Seaboard C.Se	12,000.00			ļ			L			
995-13	K	4,500.00		CH/H StormD	4,500.00	 _	ļ							<u> </u>
995-14	P		N/A	SC Goals			ļ	 						
995-15		90,000.00		D/D SAP etc	80,000,00		<u> </u>	 	—————		ļ			
995-16	K	67,371.00		ph2 Norloik	67,371,00				————		· i			ļ
1995-17 1995-18	K	25,000.00		SL Aquisition	25,000.00			 			<u> </u>			
1995-18	K	3,600.00		SCL Permit +	3,000.00	<u> </u>								
1995-20	ĥ	45,000.00 445,200.00		Amend 95-17 DDNSedRem	45,000.00 445,200.00		 	 						
1995-21	K	94,480.00		SourceCntrl	94,480.00			 			<u> </u>			
995-22	P		City	WFT Proj.Mgr	84,480.00	 	 	 						-
1995-23	К	4,344.00		PrePh2ChSAP	4,344,00	 -	-							
995-24	K	45,000.00		Seaboard	45,000.00	 	 	 						
995-25	K	10,875.00		PCB Charizo	10,875.00									
995-26		89,820.00		SubEn Study	7910: 5.3.2			 						
985-27	CIPK	0.00		Quit				1						
995-28	K	27,060.00		D/D Samping	27,060,00		1							
995-29	D	133,391.22	Ecology	WFT Rec Stdy		133,391.22	Ecology(04)		133,391.22					
995-30	K	15,715.00	City	WFT Plan	15,714.00									
	! -						ļ							
LATOTAL	╂╌┤	1,372,926.09	[950,518.00	300,587.09	┼──	78,413.87	222,173.22	0.00	0.00	0.00	0,00	0.0
	+	1,412,820.09	-	 	#30,318.W	300,387.09	 	10,410.07	258,110.86	9.00	0.00	0.00	0.00	
						l								
C-Contract Co							Ļ		i					<u> </u>
K-In-Kind Ser				1		ļ	<u> </u>				_			
		from the Court Rec	Istry Account	 		L	_	 _ 			L			
s-sequestered		L	L	 			 	 			L			
etaeupeanu-zi		L,				_	ļ	Ļ 			_		· · .	<u> </u>
-Budgets - (r	OL I	nduced in sum)	<u> </u>	<u> </u>		L	L				<u> </u>			<u> </u>

Draft 95 Reconcilitation

Accounting	1006						 						
Obligated i							Disbursed fro	m the Regi	stry Acco	unt/In-kind	Service Cr	edited	
Resolution	Dollars	Obligated To:	Obligated For.	in kind	Disbursement	Addressee	Panel	Planning &	Real	Habitet	Sedment	Source	In-kind
Number				Services	Amount		Function	Design	Property	Development	Remediation	Control	Services
1996-01	\$32,578.80		D/D&N Ph2/3	\$32,578.80									
1996-04	0.00	KCWPC	Cont\$Reso							<u> </u>			1
1996-05	13,631.93	Saquamish	Trustee Exp.		13,631.93	Suguamish	13,631.93						
	43,872.00	Suquamish	FTE		43,872.00	Suquamish		43,872.00					
	3,405.92	Muckleshool	Trustee Exp.		3,405.92	Mucklashoot	3,405.92				_		
	7,827.00	LISEWIS	Trustee Exp.		7,827.00	USFWS	7,827.00						
996-07	92,000.00	City	WFT Budget	92,000,00									
996-08	45,836.00		OP Budget		46,836.00	Muckleshoot		46,838.00					
1996-09	21,986.50		Trustee Exp.		21,988.50	NOAA	21,986.50						
996-12	15,000,00		WFT Clean Up	15,000,00	· · · · · · · · · · · · · · · · · · ·								
1996-14	19,722.62	Ecology	Trustee Exp.		19,722.82	Ecology	19,722.62						
996-15	11.818.09		Admin, Exp		11,818,09		11,818,09						
995-16	225,000.00	Muckleshool	Kenco Acquire										
1996-17			D/D & N 96 \$	116,512,00									
996-18	83,880,00		Pler 53/55 M	83,880,00									
1996-19	58,690,05	VIDEW	EB Shifth Enh.			,							
1996-20	24,581.00	KCMPC	EA/SEPA Nort	24,581,00									
1996-21	44.822.00		St. III no	44,822,00		<u>. </u>							
	23,820.26	City	Seaboard pd	23,820,28									
996-22	9,229,17		Admin. Exp.										
996-26	322,000.00	City	CWPICOE	322,000,00									
996-28	700,000.00	KCWPC	SCL/np	700,000,00									
996-29	25,000.00		SCL/rp	25,000,00									
998-30	107,749.00		NWW/pd	107,749,00									
996-31	16,000,00		NWWipd	18,000,00									1
~ _	1												
ubiolal	2,065,962.36			\$1,603,943.08	169,100,06		78,392.06	90,708.00		 			
	1 2,000,000			J.,USS (5.50	***********		.5,5=2,50	1					t
~	 									}			!
Contract Cos	i							<u>-</u> <u>-</u> 1		†			
K-In-Kind Sen							 			†			
	his from the Court Re	edsity Account	 -			 	 			 			
sequestered										<u> </u>			
S-unsequeste											·		
	included in sum)									<u> </u>			·

c. Panel Function Support
Funds available from Sediment apportionment
Funds available from Habitat apportionment
Funds budgeted through 2000+

Anticipated funds available (unallocated)
(available for P&D, if amended)

\$1,412K
\$1,412K
\$1,209K

Elliott Bay/Duwamish Restoration Panel Panel Resolution 1997-09

Adopted:

April 1997

Consent Decree: ¶ 9a, Panel authority

Resolutions: 1992-02, 04, 09

1993-01

WHEREAS, the Elliott Bay/Duwamish Restoration Program (EB/DRP) is now progressing from a primary planning and design phase into the implementation of projects, and

WHEREAS, the EB/DRP Panel needs to streamline its management efforts and concentrate its deliberations on policy and significant fiscal matters as the various projects are designed and implemented, and

WHEREAS, the Panel's desire is to authorize the designated project managers to undertake the fulfillment of project goals, objectives, and obligations as outlined in their detailed Scope, Schedule, and Budgets, and

WHEREAS, the Panel would like to complete its oversight work by January 15, 2000, culminating in the preparation of the final report of Panel activities, and

WHEREAS, the Panel proposes to maintain oversight responsibilities under declining budgets by reducing Panel meeting activities.

BE IT RESOLVED, that the Panel approves the following management objectives:

Reduce the number of monthly Panel meetings in two steps:

a. For the remainder of the calendar year of 1997:

May 1

June 5

August 7

October 2

November 6

b. Starting in January of 1998, meetings would be quarterly (January, April, July, October).

- c. Since the sediment remediation projects are either at implementation or on hold, the Sediment Remediation Technical Working Group (TWG) meetings would be called only when needed, by the Chair upon notification of the Administrative Director.
- d. The Habitat Development (HD) TWG still has significant property acquisition and project-specific planning to do and would continue to meet, as needed, but on a reduced frequency.
- e. A single monthly scheduled meeting date for both TWGs would be changed to the third Thursday of the month for those months when it is necessary to actually have a meeting(s). The TWG Chairs will inform the Administrative Director by noon of the second Thursday if there will be a TWG meeting the following Thursday so notices can be sent to TWG members.
- f. Meetings of Standing Committees of the Panel will continue to be called on an "as needed" basis.
- g. Panel members will develop means for conducting more Panel/TWG discussions by E-mail, FAX, or conference calls.

FURTHER, the Panel amends the following By-Laws:

By-Laws, Article III, Meetings 1: Change from

"The Panel shall meet at least once every month at such times and places agreed to by the Panel."

to

"The Panel shall meet at least quarterly, as required, on the first Thursday of the month and the technical working groups will meet as needed, the third Thursday of the month being set aside for this purpose."

By unanimous consent,

Resolution 1997-09