PHILIP
ENVIRONMENTAL
CHEMICAL GROUP
WESTERN REGION

WA2917
6B
01/31/96

RECEIVED
FEB 0 1 1996
OFFICE OF WASTE
& CHEM. MGMT.

*Recycling Solutions for Every Environment*

January 31, 1996

CERTIFIED MAIL

FILE COPY

Mr. David Domingo
EPA Project Coordinator
U.S. EPA
1200 Sixth Avenue, M/S HW-106
Seattle, WA 98101

Mr. Domingo:

Enclosed are the third and fourth quarter 1995 groundwater monitoring data sets for the Burlington Environmental Inc. (dba Philip Environmental) "Philip" Pier 91 Facility. The data sets were not completed in time for the November/December 1995 Bimonthly Progress Report submitted 1/10/96. The data sets are presented with MTCA clean-up levels as described in Ecology's December 13, 1995 letter approving Philip's request to modify the groundwater sampling program.

If you have any questions, please contact me at (206) 227-6121.

Respectfully,

John Stiller
Project Coordinator

cc: Galen Tritt, Ecology NWRO

USEPA RCRA
3012591

955 Powell Avenue SW • Renton, Washington 98055
206/227-0311 • Fax: 206/227-6179

# VOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *1.60E+03* | *3.37E+00* | *2.30E-02* | *1.12E+01* | *PQL= 10* | *2.40E+03* | *7.29E-02* | *4.80E+05* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *75-71-8* | *74-87-3* | *75-01-4* | *74-83-9* | *75-00-3* | *75-69-4* | *75-35-4* | *76-13-1* |
| *Well Number* | *Sample Date* | *Dichloro-difluoro-methane (ug/l)* | *Chloro-methane (ug/l)* | *Vinyl chloride (ug/l)* | *Bromo-methane (ug/l)* | *Chloro-ethane (ug/l)* | *Trichloro-fluoro-methane (ug/l)* | *1,1-DCE (ug/l)* | *1,1,2-trichloro-1,2,2-trifluoro-ethane (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <1 | 17 | <1 | <1 | <5 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-104A | 7/18/95 | <1 | <1 | 1 | <1 | <1 | <1 | <1 | <5 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-107 | 7/21/95 | 4 | <1 | <1 | <1 | 18 | <1 | <1 | <5 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | <1 | 11 | <1 | <1 | <5 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <1 | 5 | <1 | <1 | <5 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <1 | 20 | <1 | <1 | <5 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <1 | 3 | <1 | <1 | <5 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-116 | 7/20/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-117 | 7/20/95 | <25 | <25 | <25 | <25 | 73 | <25 | <25 | <125 |
| CP-118 | 7/21/95 | <25 | <25 | <25 | <25 | <25 | <25 | <25 | <125 |
| CP-119 | 7/21/95 | <1 | <1 | <1 | <1 | 120 | <1 | <1 | <5 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| W-10 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | 6 | <1 | <5 |

# VOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *8.00E+02* | *8.00E+02* | *5.83E+00* | *1.60E+02* | *8.00E+02* | *8.00E+03* | *8.00E+01* | *4.80E+03* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *67-64-1* | *75-15-0* | *75-09-2* | *156-60-5* | *75-34-3* | *108-05-4* | *156-59-2* | *78-93-3* |
| *Well Number* | *Sample Date* | *Acetone (ug/l)* | *Carbon disulfide (ug/l)* | *Methylene chloride (ug/l)* | *trans-1,2-DCE (ug/l)* | *1,1-DCA (ug/l)* | *Vinyl acetate (ug/l)* | *cis-1,2-DCE (ug/l)* | *2-Butanone (ug/l)* |
| CP-103A | 7/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-103B | 7/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-104A | 7/18/95 | <5 | <1 | <5 | <1 | 3 | <5 | 1 | <5 |
| CP-104B | 7/18/95 | <5 | <1 | <5 | <1 | 6 | <5 | <1 | <5 |
| CP-105A | 7/18/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-105B | 7/18/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-106A | 7/18/95 | <5 | <1 | <5 | <1 | <1 | <5 | 2 | <5 |
| CP-106B | 7/18/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-107 | 7/21/95 | <5 | 2 | <5 | <1 | 6 | <5 | <1 | <5 |
| CP-108A | 7/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-108B | 7/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-109 | 7/21/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-110 | 7/21/95 | <5 | 3 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-111 | 7/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-112 | 7/18/95 | <5 | <1 | <5 | <1 | 1 | <5 | <1 | <5 |
| CP-113 | 7/18/95 | <5 | <1 | <5 | <1 | 2 | <5 | 4 | <5 |
| CP-114 | 7/19/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-115A | 7/19/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-115B | 7/19/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-116 | 7/20/95 | <5 | <1 | <5 | <1 | 18 | <5 | <1 | <5 |
| CP-117 | 7/20/95 | <125 | <25 | <125 | <25 | 120 | <125 | 160 | <125 |
| CP-118 | 7/21/95 | <125 | <25 | <125 | <25 | <25 | <125 | <25 | <125 |
| CP-119 | 7/21/95 | <5 | <1 | <5 | <1 | 17 | <5 | 2 | <5 |
| CP-121 | 7/19/95 | <5 | <1 | <5 | <1 | 2 | <5 | <1 | <5 |
| CP-122B | 7/19/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| W-10 | 7/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |

# VOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7.17E+00* | *7.20E+03* | *3.37E-01* | *4.81E-01* | *1.51E+00* | *3.98E+00* | *6.43E-01* | *7.06E-01* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *67-66-3* | *71-55-6* | *56-23-5* | *107-06-2* | *71-43-2* | *79-01-6* | *78-87-5* | *75-27-4* |
| *Well Number* | *Sample Date* | *Chloroform (ug/l)* | *1,1,1-TCA (ug/l)* | *Carbon tetra-chloride (ug/l)* | *1,2-DCA (ug/l)* | *Benzene (ug/l)* | *TCE (ug/l)* | *1,2-Dichloro propane (ug/l)* | *Bromo-dichloro methane (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <1 | 16 | <2 | <1 | <1 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-104A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | <1 | 3 | <2 | <1 | <1 |
| CP-108A | 7/17/95 | 3 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | <1 | 24 | <2 | <1 | <1 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <1 | 2 | <2 | <1 | <1 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <1 | 1 | <2 | <1 | <1 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-116 | 7/20/95 | <1 | <1 | <1 | <1 | 24 | <2 | <1 | <1 |
| CP-117 | 7/20/95 | <25 | <25 | <25 | <25 | 39 | <50 | <25 | <25 |
| CP-118 | 7/21/95 | <25 | <25 | <25 | <25 | 28 | <50 | <25 | <25 |
| CP-119 | 7/21/95 | <1 | <1 | <1 | <1 | 44 | <2 | <1 | <1 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| W-10 | 7/17/95 | <1 | <1 | <1 | <1 | 20 | <2 | <1 | <1 |

# VOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *PQL = 5* | *4.00E+02* | *1.60E+03* | *PQL = 5* | *7.68E-01* | *8.58E-01* | *PQL = 50* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *110-75-8* | *10061-01-5* | *108-10-1* | *108-88-3* | *10061-02-6* | *79-00-5* | *127-18-4* | *591-78-6* |
| *Well Number* | *Sample Date* | *2-Chloro-ethyl-vinyl ether (ug/l)* | *cis-1,3-Dichloro-propene (ug/l)* | *4-Methyl-2-pentanone (ug/l)* | *Toluene (ug/l)* | *Trans-1,3-Dichloro-propene (ug/l)* | *1,1,2-trichloro-ethane (ug/l)* | *PCE (ug/l)* | *2-Hexanone (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <5 | 3 | <1 | <1 | <1 | <5 |
| CP-103B | 7/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-104A | 7/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-104B | 7/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-105A | 7/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-105B | 7/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-106A | 7/18/95 | <1 | <1 | <5 | 21 | <1 | <1 | <1 | <5 |
| CP-106B | 7/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-107 | 7/21/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-108A | 7/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-108B | 7/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-109 | 7/21/95 | <1 | <1 | <5 | 4 | <1 | <1 | <1 | <5 |
| CP-110 | 7/21/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-111 | 7/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-112 | 7/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-113 | 7/18/95 | <1 | <1 | <5 | 4 | <1 | <1 | <1 | <5 |
| CP-114 | 7/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-115A | 7/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-115B | 7/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-116 | 7/20/95 | <1 | <1 | <5 | 4 | <1 | <1 | <1 | <5 |
| CP-117 | 7/20/95 | <25 | <25 | <125 | 12000 | <25 | <25 | <25 | <125 |
| CP-118 | 7/21/95 | <25 | <25 | <125 | <50 | <25 | <25 | 31 | <125 |
| CP-119 | 7/21/95 | <1 | <1 | <5 | 41 | <1 | <1 | <1 | <5 |
| CP-121 | 7/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-122B | 7/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| W-10 | 7/17/95 | <1 | <1 | <5 | 3 | <1 | <1 | <1 | <5 |

# VOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *5.21E-01* | *1.60E+02* | *8.00E+02* | *1.60E+04* | *NA* | *1.60E+04* | *1.46E+00* | *5.54E+00* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *124-48-1* | *108-90-7* | *100-41-4* | *108-38-3* | *106-42-3* | *95-47-6* | *100-42-5* | *75-25-2* |
| *Well Number* | *Sample Date* | *Dibromo-chloro methane (ug/l)* | *Chloro-benzene (ug/l)* | *Ethyl-benzene (ug/l)* | *m-Xylene (ug/l)* | *p-Xylene (ug/l)* | *o-Xylene (ug/l)* | *Styrene (ug/l)* | *Bromoform (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | 1 | 1 | 2 | <1 | <1 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <1 | <1 | 1 | 3 | 3 | 2 | <1 | <1 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | 1 | 1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <1 | <1 | 4 | 7 | 7 | 4 | <1 | <1 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | 4 | 4 | 3 | <1 | <1 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 7/21/95 | <1 | <1 | 1 | 1 | 1 | 3 | <1 | <1 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <1 | <1 | 1 | 2 | 2 | 2 | <1 | <1 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | 3 | 3 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | <1 | <1 | 13 | 9 | 9 | 25 | <1 | <1 |
| CP-117 | 7/20/95 | <25 | <25 | 18000 | 18000 | 18000 | 9200 | <25 | <25 |
| CP-118 | 7/21/95 | <25 | <25 | 34 | <25 | <25 | <25 | <25 | <25 |
| CP-119 | 7/21/95 | <1 | 1 | 13 | 26 | 26 | 34 | <1 | <1 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <1 | <1 | 2 | 2 | 2 | 2 | <1 | <1 |

## VOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *2.19E-01* | *PQL = 10* | *1.82E+00* | *7.20E+00* | *3.20E+01* |
|---|---|---|---|---|---|---|
| *CAS Number* | | *79-34-5* | *541-73-1* | *106-46-7* | *95-50-1* | *95-20-3* |
| *Well Number* | *Sample Date* | *1,1,2,2-tetrachloro-ethane (ug/l)* | *1,3-Dichloro benzene (ug/l)* | *1,4-Dichloro benzene (ug/l)* | *1,2-Dichloro benzene (ug/l)* | *Naphthalene (ug/l)* |
| CP-103A | 7/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-103B | 7/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-104A | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-104B | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-105A | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-105B | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-106A | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-106B | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-107 | 7/21/95 | <3 | 1 | 2 | <1 | <5 |
| CP-108A | 7/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-108B | 7/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-109 | 7/21/95 | <3 | <1 | <1 | <1 | <5 |
| CP-110 | 7/21/95 | <3 | <1 | <1 | <1 | <5 |
| CP-111 | 7/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-112 | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-113 | 7/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-114 | 7/19/95 | <3 | <1 | <1 | <1 | <5 |
| CP-115A | 7/19/95 | <3 | <1 | <1 | <1 | <5 |
| CP-115B | 7/19/95 | <3 | <1 | <1 | <1 | <5 |
| CP-116 | 7/20/95 | <3 | <1 | <1 | 9 | 56 |
| CP-117 | 7/20/95 | <75 | <25 | <25 | <25 | 160 |
| CP-118 | 7/21/95 | <75 | <25 | <25 | <25 | 170 |
| CP-119 | 7/21/95 | <3 | <1 | <1 | <1 | 86 |
| CP-121 | 7/19/95 | <3 | <1 | <1 | <1 | <5 |
| CP-122B | 7/19/95 | <3 | <1 | <1 | <1 | <5 |
| W-10 | 7/17/95 | <3 | <1 | <1 | <1 | 7 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *1.54E+01* | *3.98E+02* | *9.60E+03* | *8.00E+01* | *PQL = 10* | *1.82E+00* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *62-53-3* | *111-44-4* | *108-95-2* | *95-57-8* | *541-73-1* | *106-46-7* |
| *SITE* | *DATE* | *Aniline (ug/l)* | *Bis(2-chloroethyl) ether (ug/l)* | *Phenol (ug/l)* | *2-Chloro-phenol (ug/l)* | *1,3-Dichloro benzene (ug/l)* | *1,4-Dichloro benzene (ug/l)* |
| CP-103A | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-108A | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 7/21/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-117 | 7/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-119 | 7/21/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7.20E+02* | *PQL = 20* | *1.25E+00* | *8.00E+02* | *6.25E+00* | *1.25E-02* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *95-50-1* | *100-51-6* | *108-60-1* | *95-48-7* | *67-72-1* | *621-64-7* |
| *SITE* | *DATE* | *1,2-Dichloro benzene (ug/l)* | *Benzyl alcohol (ug/l)* | *Bis(2-chloro-1-methyl-ethyl)ether (ug/l)* | *2-Methyl-phenol (ug/l)* | *Hexachloro-ethane (ug/l)* | *N-Nitroso-di-n-propyl-amine (ug/l)* |
| CP-103A | 7/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-103B | 7/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-104B | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <1 | <2 | <1 | <1 | <1 | 20 |
| CP-105B | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-108A | 7/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-108B | 7/17/95 | <1 | <2 | <1 | <1 | <1 | 15 |
| CP-109 | 7/21/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <1 | <2 | <1 | <1 | <1 | 17 |
| CP-112 | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <1 | <2 | <1 | <1 | <1 | 13 |
| CP-115A | 7/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | 2 | <2 | <1 | <1 | <1 | <1 |
| CP-117 | 7/20/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-119 | 7/21/95 | <1 | <2 | <1 | <1 | <1 | 32 |
| CP-121 | 7/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *8.00E+01* | *8.00E+00* | *9.21E+01* | *PQL = 10* | *3.20E+02* | *PQL = 10* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *106-44-5* | *98-95-3* | *78-59-1* | *88-75-5* | *105-67-9* | *111-91-1* |
| *SITE* | *DATE* | *4-Methyl-phenol (ug/l)* | *Nitro-benzene (ug/l)* | *Isophorone (ug/l)* | *2-Nitro-phenol (ug/l)* | *2,4-Dimethyl-phenol (ug/l)* | *Bis(2-chloro-ethoxy) methane (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | <1 | <1 | <1 | <1 | 15 | <1 |
| CP-117 | 7/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | 1 |
| CP-119 | 7/21/95 | <1 | <1 | 13 | <1 | 28 | <1 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *4.80E+01* | *8.00E+01* | *3.20E+01* | *6.40E+01* | *5.61E-01* | *PQL = 20* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *120-83-2* | *120-82-1* | *91-20-3* | *106-47-8* | *87-68-3* | *59-50-7* |
| *SITE* | *DATE* | *2,4-Dichloro-phenol (ug/l)* | *1,2,4-Trichloro-benzene (ug/l)* | *Naphthalene (ug/l)* | *4-Chloro-aniline (ug/l)* | *Hexachloro butadiene (ug/l)* | *4-Chloro-3-methyl-phenol (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-104A | 7/18/95 | <1 | <1 | 2 | <2 | <1 | <2 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-116 | 7/20/95 | <1 | <1 | 34 | <2 | <1 | 85 |
| CP-117 | 7/20/95 | <1 | <1 | 47 | <2 | <1 | <2 |
| CP-118 | 7/21/95 | <1 | <1 | 11 | <2 | <1 | 68 |
| CP-119 | 7/21/95 | <1 | <1 | 50 | <2 | <1 | <2 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| W-10 | 7/17/95 | <1 | <1 | 8 | <2 | <1 | <2 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *1.12E+02* | *7.95E+00* | *1.60E+03* | *1.28E+03* | *PQL = 50* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *91-57-6* | *77-47-4* | *88-06-2* | *95-95-4* | *91-58-7* | *88-74-4* |
| *SITE* | *DATE* | *2-Methyl naphthalene (ug/l)* | *Hexachloro-cyclopenta-diene (ug/l)* | *2,4,6-Trichloro-phenol (ug/l)* | *2,4,5-Trichloro phenol (ug/l)* | *2-Chloro napthalene (ug/l)* | *2-Nitroaniline (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-104A | 7/18/95 | 1 | <1 | <1 | <1 | <1 | <2 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-109 | 7/21/95 | 94 | <1 | <1 | <1 | <1 | <2 |
| CP-110 | 7/21/95 | 14 | <1 | <1 | <1 | <1 | <2 |
| CP-111 | 7/17/95 | 12 | <1 | <1 | <1 | <1 | <2 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-116 | 7/20/95 | 25 | <1 | <1 | <1 | <1 | 4 |
| CP-117 | 7/20/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-118 | 7/21/95 | 170 | <1 | <1 | <1 | <1 | <2 |
| CP-119 | 7/21/95 | 76 | <1 | <1 | <1 | <1 | <2 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| W-10 | 7/17/95 | 38 | <1 | <1 | <1 | <1 | <2 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *1.60E+04* | *1.60E+01* | *9.60E+02* | *PQL = 50* | *3.20E+01* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *208-96-8* | *131-11-3* | *606-20-2* | *83-32-9* | *99-09-2* | *51-28-5* |
| *SITE* | *DATE* | *Acenaph-thylene (ug/l)* | *Dimethyl phthalate (ug/l)* | *2,6-Dinitro toluene (ug/l)* | *Acenaph-thene (ug/l)* | *3-Nitroaniline (ug/l)* | *2,4-Dinitro phenol (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | 3 | <5 | <5 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-104A | 7/18/95 | <1 | <1 | <1 | 45 | <5 | <5 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | 5 | <5 | <5 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | 1 | <5 | <5 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | 3 | <5 | <5 |
| CP-110 | 7/21/95 | <1 | <1 | 1 | 4 | <5 | <5 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | 2 | <5 | <5 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | 8 | <5 | <5 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | 1 | <5 | <5 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-116 | 7/20/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-117 | 7/20/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-118 | 7/21/95 | <1 | <1 | <1 | 9 | <5 | <5 |
| CP-119 | 7/21/95 | <1 | 19 | 2 | 7 | <5 | 11 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| W-10 | 7/17/95 | <1 | 5 | 3 | 3 | <5 | <5 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *3.20E+01* | *PQL = 20* | *6.40E+02* | *PQL = 10* | *1.28E+04* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *132-64-9* | *121-14-2* | *100-02-7* | *86-73-7* | *7005-72-3* | *84-66-2* |
| *SITE* | *DATE* | *Dibenzofuran (ug/l)* | *2,4-Dinitro toluene (ug/l)* | *4-Nitrophenol (ug/l)* | *Fluorene (ug/l)* | *4-Chloro-phenyl phenyl ether (ug/l)* | *Diethyl-phthalate (ug/l)* |
| CP-103A | 7/17/95 | <5 | <1 | <1 | 7 | <1 | <1 |
| CP-103B | 7/17/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-104A | 7/18/95 | <5 | <1 | <1 | 29 | <1 | <1 |
| CP-104B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-106A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-107 | 7/21/95 | <5 | <1 | 5 | 8 | <1 | <1 |
| CP-108A | 7/17/95 | <5 | <1 | <1 | 4 | <1 | <1 |
| CP-108B | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 7/21/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <5 | <1 | <1 | 10 | <1 | <1 |
| CP-111 | 7/17/95 | <5 | <1 | <1 | 3 | <1 | <1 |
| CP-112 | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-117 | 7/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | 7 | <1 | <1 | 15 | <1 | <1 |
| CP-119 | 7/21/95 | <5 | <1 | <1 | 9 | <1 | 1 |
| CP-121 | 7/19/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-122B | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <5 | <1 | <1 | <1 | 6 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 20* | *PQL = 50* | *1.79E+01* | *7.95E-01* | *PQL = 10* | *5.47E-02* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *100-01-6* | *534-52-1* | *86-30-6* | *103-33-3* | *101-55-3* | *118-74-1* |
| *SITE* | *DATE* | *4-Nitroaniline (ug/l)* | *4,6-Dinitro-2-methyl-phenol (ug/l)* | *N-Nitroso-diphenyl-amine (ug/l)* | *Azobenzene (ug/l)* | *4-Bromo-phenyl phenyl ether (ug/l)* | *Hexachloro-benzene (ug/l)* |
| CP-103A | 7/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-103B | 7/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-104B | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-108A | 7/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-108B | 7/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-109 | 7/21/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-112 | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-117 | 7/20/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | <5 | <5 | 16 | <1 | <1 | <1 |
| CP-119 | 7/21/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-121 | 7/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7.29E-01* | *PQL = 10* | *4.80E+03* | *1.60E+03* | *6.40E+02* | *3.80E-04* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *87-86-5* | *85-01-8* | *120-12-7* | *84-74-2* | *206-44-0* | *92-87-5* |
| *SITE* | *DATE* | *Pentachloro-phenol (ug/l)* | *Phenanthrene (ug/l)* | *Anthracene (ug/l)* | *Di-n-butyl-phthalate (ug/l)* | *Fluoranthene (ug/l)* | *Benzidine (ug/l)* |
| CP-103A | 7/17/95 | <5 | 2 | <1 | 2 | <1 | <1 |
| CP-103B | 7/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <5 | 5 | 2 | <1 | 2 | <1 |
| CP-104B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <5 | 3 | <1 | <1 | <1 | <1 |
| CP-108A | 7/17/95 | <5 | 1 | 1 | 1 | <1 | <1 |
| CP-108B | 7/17/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-109 | 7/21/95 | <5 | 4 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <5 | 6 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <5 | <1 | <1 | 1 | <1 | <1 |
| CP-112 | 7/18/95 | 5 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | <5 | 10 | 2 | <1 | 4 | <1 |
| CP-117 | 7/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | <5 | 14 | <1 | <1 | <1 | <1 |
| CP-119 | 7/21/95 | <5 | 11 | <1 | <1 | <1 | <1 |
| CP-121 | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <5 | 5 | <1 | 1 | <1 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *4.80E+02* | *3.20E+03* | *1.94E-01* | *1.20E-02* | *1.20E-02* | *6.25E+00* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *129-00-0* | *85-68-7* | *91-94-1* | *56-55-3* | *218-01-3* | *117-81-7* |
| *SITE* | *DATE* | *Pyrene (ug/l)* | *Butyl benzyl phthalate (ug/l)* | *3,3'-Dichloro-benzidine (ug/l)* | *Benzo(a) anthracene (ug/l)* | *Chrysene (ug/l)* | *bis(2-ethylhexyl) phthalate (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-104A | 7/18/95 | 1 | <1 | <1 | <2 | <1 | <1 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-112 | 7/18/95 | 2 | <1 | <1 | <2 | <1 | <1 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-116 | 7/20/95 | 5 | <1 | <1 | <2 | 2 | 10 |
| CP-117 | 7/20/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-118 | 7/21/95 | 1 | <1 | <1 | <2 | <1 | <1 |
| CP-119 | 7/21/95 | 2 | <1 | <1 | <2 | <1 | <1 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| W-10 | 7/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |

# SVOCs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *3.20E+02* | *1.20E-02* | *1.20E-02* | *1.20E-02* | *1.20E-02* | *1.20E-02* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *117-84-0* | *205-99-2* | *207-08-9* | *50-32-8* | *193-39-5* | *53-70-3* |
| *SITE* | *DATE* | *Di-n-octyl-phthalate (ug/l)* | *Benzo(b) fluoranthene (ug/l)* | *Benzo(k)fluor anthene (ug/l)* | *Benzo(a) pyrene (ug/l)* | *Indeno (1,2,3-cd) pyrene (ug/l)* | *Dibenz(a,h) anthracene (ug/l)* |
| CP-103A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108A | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-110 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 7/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 7/20/95 | 2 | <1 | 1 | <1 | <1 | <1 |
| CP-117 | 7/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-119 | 7/21/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 7/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 7/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |

**SVOCs in Groundwater**
**3rd Quarter 1995**
**Pier 91 Facility**

| *MTCA Method B (ug/l)* | | *PQL = 10* |
|---|---|---|
| *CAS Number* | | *191-24-2* |
| *SITE* | *DATE* | *Benzo(g,h,i) perylene (ug/l)* |
| CP-103A | 7/17/95 | <1 |
| CP-103B | 7/17/95 | <1 |
| CP-104A | 7/18/95 | <1 |
| CP-104B | 7/18/95 | <1 |
| CP-105A | 7/18/95 | <1 |
| CP-105B | 7/18/95 | <1 |
| CP-106A | 7/18/95 | <1 |
| CP-106B | 7/18/95 | <1 |
| CP-107 | 7/21/95 | <1 |
| CP-108A | 7/17/95 | <1 |
| CP-108B | 7/17/95 | <1 |
| CP-109 | 7/21/95 | <1 |
| CP-110 | 7/21/95 | <1 |
| CP-111 | 7/17/95 | <1 |
| CP-112 | 7/18/95 | <1 |
| CP-113 | 7/18/95 | <1 |
| CP-114 | 7/19/95 | <1 |
| CP-115A | 7/19/95 | <1 |
| CP-115B | 7/19/95 | <1 |
| CP-116 | 7/20/95 | <1 |
| CP-117 | 7/20/95 | <1 |
| CP-118 | 7/21/95 | <1 |
| CP-119 | 7/21/95 | <1 |
| CP-121 | 7/19/95 | <1 |
| CP-122B | 7/19/95 | <1 |
| W-10 | 7/17/95 | <1 |

# Total Metals in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *5.00E-02* | *1.12E+03* | *2.30E-02* | *8.00E+00* | *8.00E+01* | *5.92E+02* | *Method A = 5* |
|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *7440-38-2* | *7440-39-3* | *7440-41-7* | *7440-43-9* | *18540-29-9* | *7440-50-8* | *7439-92-1* |
| *SITE* | *DATE* | *Arsenic (mg/l)* | *Barium (mg/l)* | *Beryllium (mg/l)* | *Cadmium (mg/l)* | *Chromium (mg/l)* | *Copper (mg/l)* | *Lead (mg/l)* |
| CP-103A | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-103B | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104A | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104B | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105A | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105B | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106A | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-103B | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-107 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108A | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108B | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-109 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-110 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-111 | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-112 | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-113 | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-114 | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115A | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115B | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.019 | <0.025 | <0.003 |
| CP-116 | 7/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.009 |
| CP-117 | 7/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.014 | <0.025 | 0.003 |
| CP-118 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.005 |
| CP-119 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-121 | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-122B | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.058 | <0.025 | <0.003 |
| W-10 | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |

# Total Metals in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7439-97-6* | *3.20E+02* | *8.00E+01* | *8.00E+01* | *4.80E+03* |
|---|---|---|---|---|---|---|
| *CAS Number* | | *4.80E+00* | *7440-02-0* | *7782-49-2* | *7740-22-4* | *7440-66-6* |
| *SITE* | *DATE* | *Mercury (mg/l)* | *Nickel (mg/l)* | *Selenium (mg/l)* | *Silver (mg/l)* | *Zinc (mg/l)* |
| CP-103A | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-103B | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104A | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104B | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105A | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105B | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106A | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-103B | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-107 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108A | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108B | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-109 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-110 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-111 | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-112 | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-113 | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-114 | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | 0.022 |
| CP-115A | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115B | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-116 | 7/20/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-117 | 7/20/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-118 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-119 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-121 | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-122B | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| W-10 | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |

# Dissolved Metals in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *5.00E-02* | *1.12E+03* | *2.30E-02* | *8.00E+00* | *8.00E+01* | *5.92E+02* | *Method A = 5* |
|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *7440-38-2* | *7440-39-3* | *7440-41-7* | *7440-43-9* | *18540-29-9* | *7440-50-8* | *7439-92-1* |
| *SITE* | *DATE* | *Dissolved Arsenic (mg/l)* | *Dissolved Barium (mg/l)* | *Dissolved Beryllium (mg/l)* | *Dissolved Cadmium (mg/l)* | *Dissolved Chromium (mg/l)* | *Dissolved Copper (mg/l)* | *Dissolved Lead (mg/l)* |
| CP-103A | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-103B | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104A | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104B | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105A | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105B | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106A | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106B | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.015 | <0.025 | <0.003 |
| CP-107 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108A | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108B | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-109 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-110 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-111 | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-112 | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-113 | 7/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-114 | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115A | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115B | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-116 | 7/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.009 |
| CP-117 | 7/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-118 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-119 | 7/21/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-121 | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-122B | 7/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| W-10 | 7/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |

# Dissolved Metals in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7439-97-6* | *3.20E+02* | *8.00E+01* | *8.00E+01* | *4.80E+03* |
|---|---|---|---|---|---|---|
| *CAS Number* | | *4.80E+00* | *7440-02-0* | *7782-49-2* | *7740-22-4* | *7440-66-6* |
| *SITE* | *DATE* | *Dissolved Mercury (mg/l)* | *Dissolved Nickel (mg/l)* | *Dissolved Selenium (mg/l)* | *Dissolved Silver (mg/l)* | *Dissolved Zinc (mg/l)* |
| CP-103A | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-103B | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104A | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104B | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105A | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105B | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106A | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106B | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-107 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108A | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108B | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | 0.37 |
| CP-109 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-110 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-111 | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-112 | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-113 | 7/18/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-114 | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115A | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115B | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-116 | 7/20/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-117 | 7/20/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-118 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-119 | 7/21/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-121 | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-122B | 7/19/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |
| W-10 | 7/17/95 | <0.0002 | <0.04 | <0.005 | <0.01 | <0.02 |

# PCBs in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *12674-11-2* | *11104-28-2* | *11141-16-5* | *53469-21-9* | *12672-29-6* | *11097-69-1* | *11096-82-5* |
|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* |
| *SITE* | *DATE* | *Aroclor 1016 (ug/l)* | *Aroclor 1221 (ug/l)* | *Aroclor 1232 (ug/l)* | *Aroclor 1242 (ug/l)* | *Aroclor 1248 (ug/l)* | *Aroclor 1254 (ug/l)* | *Aroclor 1260 (ug/l)* |
| CP-104A | 7/18/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-106B | 7/18/95 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 |
| CP-108A | 7/17/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-110 | 7/21/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-111 | 7/17/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-112 | 7/18/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-113 | 7/18/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-114 | 7/19/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-115A | 7/19/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-115B | 7/19/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-116 | 7/20/95 | <2.1 | <2.1 | <2.1 | <2.1 | <2.1 | <2.1 | <2.1 |
| CP-117 | 7/20/95 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 |
| CP-118 | 7/21/95 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 |
| CP-119 | 7/21/95 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 | <2.5 |
| CP-122B | 7/19/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| W-10 | 7/17/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |

# TPH in Groundwater
## 3rd Quarter 1995
## Pier 91 Facility

| *MTCA Method A (mg/l)* | | *1.00E+00* | *1.00E+00* | *1.00E+00* |
|---|---|---|---|---|
| *CAS Number* | | *NA* | *NA* | *NA* |
| *SITE* | *DATE* | *WTPH-D (as diesel) (mg/l)* | *WTPH-G (as gasoline) (mg/l)* | *TPH (418.1) (mg/l)* |
| CP-103A | 7/17/95 | <1 | <0.5 | <1 |
| CP-103B | 7/17/95 | <1 | <0.5 | <1 |
| CP-104A | 7/18/95 | <1 | <0.5 | <1 |
| CP-104B | 7/19/95 | <1 | <0.5 | <1 |
| CP-105A | 7/18/95 | <1 | <0.5 | <1 |
| CP-105B | 7/18/95 | <1 | <0.5 | <1 |
| CP-106A | 7/18/95 | <1 | <0.5 | <1 |
| CP-106B | 7/18/95 | <1 | <0.5 | <1 |
| CP-107 | 7/21/95 | <1 | <0.3 | <1 |
| CP-108A | 7/17/95 | <1 | <0.5 | <1 |
| CP-108B | 7/17/95 | <1 | <0.5 | <1 |
| CP-109 | 7/21/95 | 3.2 | 1 | 3.3 |
| CP-110 | 7/21/95 | <1 | 0.35 | <1 |
| CP-111 | 7/17/95 | <1 | <0.5 | <1 |
| CP-112 | 7/18/95 | <1 | <0.5 | <1 |
| CP-113 | 7/18/95 | <1 | <0.5 | <1 |
| CP-114 | 7/19/95 | <1 | <0.5 | <1 |
| CP-115A | 7/19/95 | <1 | <0.5 | <1 |
| CP-115B | 7/19/95 | <1 | <0.5 | <1 |
| CP-116 | 7/20/95 | 13 | 1 | 35 |
| CP-117 | 7/20/95 | 15 | 46 | 29 |
| CP-118 | 7/21/95 | 9.2 | 0.54 | 7.8 |
| CP-119 | 7/21/95 | 8 | 1.3 | 7.3 |
| CP-121 | 7/19/95 | <1 | <0.5 | <1 |
| CP-122B | 7/19/95 | <1 | <0.5 | <1 |
| W-10 | 7/17/95 | <1 | | |

# VOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *1.60E+03* | *3.37E+00* | *2.30E-02* | *1.12E+01* | *PQL= 10* | *2.40E+03* | *7.29E-02* | *4.80E+05* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *75-71-8* | *74-87-3* | *75-01-4* | *74-83-9* | *75-00-3* | *75-69-4* | *75-35-4* | *76-13-1* |
| *Well Number* | *Sample Date* | *Dichloro-difluoro-methane (ug/l)* | *Chloro-methane (ug/l)* | *Vinyl chloride (ug/l)* | *Bromo-methane (ug/l)* | *Chloro-ethane (ug/l)* | *Trichloro-fluoro-methane (ug/l)* | *1,1-DCE (ug/l)* | *1,1,2-trichloro-1,2,2-trifluoro-ethane (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <1 | 27 | <1 | <1 | <5 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-104A | 10/17/95 | <1 | <1 | 2 | <1 | <1 | <1 | <1 | <5 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-107 | 10/17/95 | 2 | <1 | 2 | <1 | 25 | <1 | <1 | <5 |
| CP-108A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <1 | 13 | <1 | <1 | <5 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <1 | 11 | <1 | <1 | <5 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <1 | 9 | <1 | <1 | <5 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | 14 |
| CP-116 | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-117 | 10/19/95 | <1 | 2 | 17 | <1 | 140 | <1 | <1 | <5 |
| CP-118 | 10/20/95 | <1 | <1 | 1 | <1 | 15 | <1 | <1 | <5 |
| CP-119 | 10/20/95 | <1 | <1 | 1 | <1 | 100 | <1 | <1 | <5 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <5 |

# VOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *8.00E+02* | *8.00E+02* | *5.83E+00* | *1.60E+02* | *8.00E+02* | *8.00E+03* | *8.00E+01* | *4.80E+03* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *67-64-1* | *75-15-0* | *75-09-2* | *156-60-5* | *75-34-3* | *108-05-4* | *156-59-2* | *78-93-3* |
| *Well Number* | *Sample Date* | *Acetone (ug/l)* | *Carbon disulfide (ug/l)* | *Methylene chloride (ug/l)* | *trans-1,2-DCE (ug/l)* | *1,1-DCA (ug/l)* | *Vinyl acetate (ug/l)* | *cis-1,2-DCE (ug/l)* | *2-Butanone (ug/l)* |
| CP-103A | 10/16/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-103B | 10/19/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-104A | 10/17/95 | 15 | 2 | <5 | <1 | 3 | <5 | 1 | <5 |
| CP-104B | 10/17/95 | <5 | 1 | <5 | <1 | 6 | <5 | <1 | <5 |
| CP-105A | 10/17/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-105B | 10/17/95 | <5 | 2 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-106A | 10/18/95 | <5 | <1 | <5 | <1 | <1 | <5 | 1 | <5 |
| CP-106B | 10/18/95 | <5 | 2 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-107 | 10/17/95 | <5 | 2 | <5 | <1 | 4 | <5 | <1 | <5 |
| CP-108A | 10/16/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-108B | 10/16/95 | <5 | 1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-109 | 10/20/95 | 150 | 9 | <5 | <1 | <1 | <5 | <1 | 38 |
| CP-110 | 10/16/95 | <5 | 4 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-111 | 10/16/95 | <5 | 2 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-112 | 10/17/95 | <5 | 1 | <5 | <1 | 2 | <5 | <1 | <5 |
| CP-113 | 10/17/95 | <5 | <1 | <5 | <1 | 2 | <5 | 1 | <5 |
| CP-114 | 10/18/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-115A | 10/19/95 | 160 | 2 | <5 | <1 | 1 | <5 | <1 | <5 |
| CP-115B | 10/19/95 | <5 | 2 | <5 | <1 | <1 | <5 | <1 | <5 |
| CP-116 | 10/19/95 | <5 | 2 | <5 | <1 | 16 | <5 | 3 | <5 |
| CP-117 | 10/19/95 | 280 | 8 | <5 | 1 | 180 | <5 | 26 | 79 |
| CP-118 | 10/20/95 | <5 | 3 | <5 | <1 | 2 | <5 | <1 | <5 |
| CP-119 | 10/20/95 | <5 | 4 | <5 | <1 | 24 | <5 | 2 | <5 |
| CP-121 | 10/20/95 | <5 | <1 | <5 | <1 | 1 | <5 | <1 | <5 |
| CP-122B | 10/18/95 | <5 | 1 | <5 | <1 | <1 | <5 | <1 | <5 |
| W-10 | 10/16/95 | <5 | <1 | <5 | <1 | <1 | <5 | <1 | <5 |

# VOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7.17E+00* | *7.20E+03* | *3.37E-01* | *4.81E-01* | *1.51E+00* | *3.98E+00* | *6.43E-01* | *7.06E-01* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *67-66-3* | *71-55-6* | *56-23-5* | *107-06-2* | *71-43-2* | *79-01-6* | *78-87-5* | *75-27-4* |
| *Well Number* | *Sample Date* | *Chloroform (ug/l)* | *1,1,1-TCA (ug/l)* | *Carbon tetra-chloride (ug/l)* | *1,2-DCA (ug/l)* | *Benzene (ug/l)* | *TCE (ug/l)* | *1,2-Dichloro propane (ug/l)* | *Bromo-dichloro methane (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <1 | 15 | <2 | <1 | <1 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | <1 | 1 | <2 | <1 | <1 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106A | 10/18/95 | 1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | <1 | 3 | <2 | <1 | <1 |
| CP-108A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | <1 | 22 | <2 | <1 | <1 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <1 | 3 | <2 | <1 | <1 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <1 | 1 | <2 | <1 | <1 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <1 | 1 | <2 | <1 | <1 |
| CP-113 | 10/17/95 | 1 | <1 | <1 | <1 | 1 | <2 | <1 | <1 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <1 | 1 | <2 | <1 | <1 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-116 | 10/19/95 | <1 | <1 | <1 | <1 | 23 | <2 | <1 | <1 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | <1 | 39 | <2 | <1 | <1 |
| CP-118 | 10/20/95 | <1 | <1 | <1 | <1 | 26 | <2 | <1 | <1 |
| CP-119 | 10/20/95 | <1 | <1 | <1 | <1 | 45 | <2 | <1 | <1 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 | <1 | <1 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <1 | 11 | <2 | <1 | <1 |

# VOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *PQL = 5* | *4.00E+02* | *1.60E+03* | *PQL = 5* | *7.68E-01* | *8.58E-01* | *PQL = 50* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *110-75-8* | *10061-01-5* | *108-10-1* | *108-88-3* | *10061-02-6* | *79-00-5* | *127-18-4* | *591-78-6* |
| *Well Number* | *Sample Date* | *2-Chloro-ethyl-vinyl ether (ug/l)* | *cis-1,3-Dichloro-propene (ug/l)* | *4-Methyl-2-pentanone (ug/l)* | *Toluene (ug/l)* | *Trans-1,3-Dichloro-propene (ug/l)* | *1,1,2-trichloro-ethane (ug/l)* | *PCE (ug/l)* | *2-Hexanone (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-103B | 10/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-104A | 10/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-104B | 10/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-105A | 10/17/95 | <1 | <1 | <5 | 7 | <1 | <1 | <1 | <5 |
| CP-105B | 10/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-106A | 10/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-106B | 10/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-107 | 10/17/95 | <1 | <1 | <5 | 4 | <1 | <1 | <1 | <5 |
| CP-108A | 10/16/95 | <1 | <1 | <5 | 2 | <1 | <1 | <1 | <5 |
| CP-108B | 10/16/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-109 | 10/20/95 | <1 | <1 | <5 | 15 | <1 | <1 | <1 | <5 |
| CP-110 | 10/16/95 | <1 | <1 | <5 | <2 | <1 | <1 | 2 | <5 |
| CP-111 | 10/16/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-112 | 10/17/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-113 | 10/17/95 | <1 | <1 | <5 | 2 | <1 | <1 | <1 | <5 |
| CP-114 | 10/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-115A | 10/19/95 | <1 | <1 | <5 | 240 | <1 | <1 | 30 | <5 |
| CP-115B | 10/19/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-116 | 10/19/95 | <1 | <1 | <5 | 5 | <1 | <1 | <1 | <5 |
| CP-117 | 10/19/95 | <1 | <1 | 12 | 2318 | <1 | <1 | 4 | <5 |
| CP-118 | 10/20/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-119 | 10/20/95 | <1 | <1 | <5 | 54 | <1 | 6 | <1 | <5 |
| CP-121 | 10/20/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| CP-122B | 10/18/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |
| W-10 | 10/16/95 | <1 | <1 | <5 | <2 | <1 | <1 | <1 | <5 |

# VOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *5.21E-01* | *1.60E+02* | *8.00E+02* | *1.60E+04* | *NA* | *1.60E+04* | *1.46E+00* | *5.54E+00* |
|---|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *124-48-1* | *108-90-7* | *100-41-4* | *108-38-3* | *106-42-3* | *95-47-6* | *100-42-5* | *75-25-2* |
| *Well Number* | *Sample Date* | *Dibromo-chloro methane (ug/l)* | *Chloro-benzene (ug/l)* | *Ethyl-benzene (ug/l)* | *m-Xylene (ug/l)* | *p-Xylene (ug/l)* | *o-Xylene (ug/l)* | *Styrene (ug/l)* | *Bromoform (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | 1 | <1 | <1 |
| CP-103B | 10/19/95 | <1 | <1 | 2 | 2 | 2 | 1 | <1 | <1 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | 3 | 3 | 2 | <1 | <1 |
| CP-108A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | 13 | 13 | 16 | <1 | <1 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <1 | <1 | 740 | 912 | 912 | 262 | <1 | <1 |
| CP-115B | 10/19/95 | <1 | <1 | 1 | 2 | 2 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <1 | <1 | 16 | 15 | 15 | 36 | <1 | <1 |
| CP-117 | 10/19/95 | <1 | <1 | 5240 | 5600 | 5600 | 2300 | <1 | <1 |
| CP-118 | 10/20/95 | <1 | <1 | 9 | 2 | 2 | 6 | <1 | <1 |
| CP-119 | 10/20/95 | <1 | <1 | 22 | 33 | 33 | 44 | <1 | <1 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 | <1 | <1 |

# VOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *2.19E-01* | *PQL = 10* | *1.82E+00* | *7.20E+00* | *3.20E+01* |
|---|---|---|---|---|---|---|
| *CAS Number* | | *79-34-5* | *541-73-1* | *106-46-7* | *95-50-1* | *95-20-3* |
| *Well Number* | *Sample Date* | *1,1,2,2-tetrachloro-ethane (ug/l)* | *1,3-Dichloro benzene (ug/l)* | *1,4-Dichloro benzene (ug/l)* | *1,2-Dichloro benzene (ug/l)* | *Naphthalene (ug/l)* |
| CP-103A | 10/16/95 | <3 | <1 | <1 | <1 | <5 |
| CP-103B | 10/19/95 | <3 | <1 | <1 | <1 | <5 |
| CP-104A | 10/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-104B | 10/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-105A | 10/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-105B | 10/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-106A | 10/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-106B | 10/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-107 | 10/17/95 | <3 | 1 | 2 | <1 | <5 |
| CP-108A | 10/16/95 | <3 | <1 | <1 | <1 | <5 |
| CP-108B | 10/16/95 | <3 | <1 | <1 | <1 | <5 |
| CP-109 | 10/20/95 | <3 | <1 | <1 | <1 | <5 |
| CP-110 | 10/16/95 | <3 | <1 | <1 | <1 | <5 |
| CP-111 | 10/16/95 | <3 | <1 | <1 | <1 | <5 |
| CP-112 | 10/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-113 | 10/17/95 | <3 | <1 | <1 | <1 | <5 |
| CP-114 | 10/18/95 | <3 | <1 | <1 | <1 | <5 |
| CP-115A | 10/19/95 | <3 | <1 | 2 | 10 | <5 |
| CP-115B | 10/19/95 | <3 | <1 | <1 | <1 | <5 |
| CP-116 | 10/19/95 | <3 | <1 | <1 | 16 | 59 |
| CP-117 | 10/19/95 | <3 | <1 | <1 | 3 | 49 |
| CP-118 | 10/20/95 | <3 | <1 | <1 | <1 | 27 |
| CP-119 | 10/20/95 | <3 | <1 | <1 | 2 | 120 |
| CP-121 | 10/20/95 | <3 | <1 | <1 | <1 | <5 |
| CP-122B | 10/18/95 | <3 | <1 | <1 | <1 | <5 |
| W-10 | 10/16/95 | <3 | <1 | <1 | <1 | <5 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *1.54E+01* | *3.98E+02* | *9.60E+03* | *8.00E+01* | *PQL = 10* | *1.82E+00* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *62-53-3* | *111-44-4* | *108-95-2* | *95-57-8* | *541-73-1* | *106-46-7* |
| *SITE* | *DATE* | *Aniline (ug/l)* | *Bis(2-chloroethyl) ether (ug/l)* | *Phenol (ug/l)* | *2-Chloro-phenol (ug/l)* | *1,3-Dichloro benzene (ug/l)* | *1,4-Dichloro benzene (ug/l)* |
| CP-103A | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-108A | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-110 | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <5 | <1 | <1 | <1 | <1 | 2 |
| CP-117 | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-119 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7.20E+02* | *PQL = 20* | *1.25E+00* | *8.00E+02* | *6.25E+00* | *1.25E-02* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *95-50-1* | *100-51-6* | *108-60-1* | *95-48-7* | *67-72-1* | *621-64-7* |
| *SITE* | *DATE* | *1,2-Dichloro benzene (ug/l)* | *Benzyl alcohol (ug/l)* | *Bis(2-chloro-1-methyl-ethyl)ether (ug/l)* | *2-Methyl-phenol (ug/l)* | *Hexachloro-ethane (ug/l)* | *N-Nitroso-di-n-propyl-amine (ug/l)* |
| CP-103A | 10/16/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-103B | 10/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-108A | 10/16/95 | <1 | <2 | <1 | <1 | <1 | 19 |
| CP-108B | 10/16/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-110 | 10/16/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-117 | 10/19/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-118 | 10/20/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-119 | 10/20/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <1 | <2 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <1 | <2 | <1 | <1 | <1 | 23 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *8.00E+01* | *8.00E+00* | *9.21E+01* | *PQL = 10* | *3.20E+02* | *PQL = 10* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *106-44-5* | *98-95-3* | *78-59-1* | *88-75-5* | *105-67-9* | *111-91-1* |
| *SITE* | *DATE* | *4-Methyl-phenol (ug/l)* | *Nitro-benzene (ug/l)* | *Isophorone (ug/l)* | *2-Nitro-phenol (ug/l)* | *2,4-Dimethyl-phenol (ug/l)* | *Bis(2-chloro-ethoxy) methane (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | 2 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <1 | <1 | <1 | <1 | 31 | <1 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | <1 | 140 | <1 |
| CP-118 | 10/20/95 | <1 | <1 | <1 | <1 | 21 | <1 |
| CP-119 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *4.80E+01* | *8.00E+01* | *3.20E+01* | *6.40E+01* | *5.61E-01* | *PQL = 20* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *120-83-2* | *120-82-1* | *91-20-3* | *106-47-8* | *87-68-3* | *59-50-7* |
| *SITE* | *DATE* | *2,4-Dichloro-phenol (ug/l)* | *1,2,4-Trichloro-benzene (ug/l)* | *Naphthalene (ug/l)* | *4-Chloro-aniline (ug/l)* | *Hexachloro butadiene (ug/l)* | *4-Chloro-3-methyl-phenol (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-108A | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-115A | 10/19/95 | 11 | <1 | <1 | <2 | <1 | <2 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-116 | 10/19/95 | <1 | <1 | 41 | <2 | <1 | 790 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | <2 | <1 | 13 |
| CP-118 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-119 | 10/20/95 | <1 | <1 | 3 | <2 | <1 | <2 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <2 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <2 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *1.12E+02* | *7.95E+00* | *1.60E+03* | *1.28E+03* | *PQL = 50* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *91-57-6* | *77-47-4* | *88-06-2* | *95-95-4* | *91-58-7* | *88-74-4* |
| *SITE* | *DATE* | *2-Methyl naphthalene (ug/l)* | *Hexachloro-cyclopenta-diene (ug/l)* | *2,4,6-Trichloro-phenol (ug/l)* | *2,4,5-Trichloro phenol (ug/l)* | *2-Chloro napthalene (ug/l)* | *2-Nitroaniline (ug/l)* |
| CP-103A | 10/16/95 | 61 | <1 | <1 | <1 | <1 | <2 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-107 | 10/17/95 | 70 | <1 | <1 | <1 | <1 | <2 |
| CP-108A | 10/16/95 | 17 | <1 | <1 | <1 | <1 | <2 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-109 | 10/20/95 | 81 | <1 | <1 | <1 | <1 | <2 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-111 | 10/16/95 | 13 | <1 | <1 | <1 | <1 | <2 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-116 | 10/19/95 | 24 | <1 | <1 | <1 | <1 | <2 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-118 | 10/20/95 | 180 | <1 | <1 | <1 | <1 | <2 |
| CP-119 | 10/20/95 | 6 | <1 | <1 | <1 | <1 | <2 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <2 |
| W-10 | 10/16/95 | 20 | <1 | <1 | <1 | <1 | <2 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *1.60E+04* | *1.60E+01* | *9.60E+02* | *PQL = 50* | *3.20E+01* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *208-96-8* | *131-11-3* | *606-20-2* | *83-32-9* | *99-09-2* | *51-28-5* |
| *SITE* | *DATE* | *Acenaph-thylene (ug/l)* | *Dimethyl phthalate (ug/l)* | *2,6-Dinitro toluene (ug/l)* | *Acenaph-thene (ug/l)* | *3-Nitroaniline (ug/l)* | *2,4-Dinitro phenol (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | 2 | <5 | <5 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | 40 | <5 | <5 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | 2 | <5 | <5 |
| CP-108A | 10/16/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | 1 | <5 | <5 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | 2 | <5 | <5 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | 1 | <5 | <5 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | 4 | <5 | <5 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-116 | 10/19/95 | <1 | <1 | <1 | 3 | <5 | <5 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | 2 | <5 | <5 |
| CP-118 | 10/20/95 | <1 | <1 | <1 | 3 | <5 | <5 |
| CP-119 | 10/20/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <5 | <5 |
| W-10 | 10/16/95 | <1 | <1 | <1 | 2 | <5 | <5 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* | *3.20E+01* | *PQL = 20* | *6.40E+02* | *PQL = 10* | *1.28E+04* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *132-64-9* | *121-14-2* | *100-02-7* | *86-73-7* | *7005-72-3* | *84-66-2* |
| *SITE* | *DATE* | *Dibenzofuran (ug/l)* | *2,4-Dinitro toluene (ug/l)* | *4-Nitrophenol (ug/l)* | *Fluorene (ug/l)* | *4-Chloro-phenyl phenyl ether (ug/l)* | *Diethyl-phthalate (ug/l)* |
| CP-103A | 10/16/95 | <5 | <1 | <1 | 3 | <1 | <1 |
| CP-103B | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | <5 | <1 | <1 | 13 | <1 | <1 |
| CP-104B | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <5 | <1 | <1 | 3 | <1 | <1 |
| CP-108A | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-108B | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-110 | 10/16/95 | <5 | <1 | <1 | 4 | <1 | <1 |
| CP-111 | 10/16/95 | <5 | <1 | <1 | 1 | <1 | <1 |
| CP-112 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-117 | 10/19/95 | <5 | <1 | <1 | 2 | <1 | <1 |
| CP-118 | 10/20/95 | <5 | <1 | <1 | 6 | <1 | <1 |
| CP-119 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <5 | <1 | <1 | 2 | <1 | <1 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 20* | *PQL = 50* | *1.79E+01* | *7.95E-01* | *PQL = 10* | *5.47E-02* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *100-01-6* | *534-52-1* | *86-30-6* | *103-33-3* | *101-55-3* | *118-74-1* |
| *SITE* | *DATE* | *4-Nitroaniline (ug/l)* | *4,6-Dinitro-2-methyl-phenol (ug/l)* | *N-Nitroso-diphenyl-amine (ug/l)* | *Azobenzene (ug/l)* | *4-Bromo-phenyl phenyl ether (ug/l)* | *Hexachloro-benzene (ug/l)* |
| CP-103A | 10/16/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-103B | 10/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-108A | 10/16/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-108B | 10/16/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-110 | 10/16/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <5 | <5 | <1 | <1 | 4 | <1 |
| CP-113 | 10/17/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | 20 | <5 | <1 | <1 | <1 | <1 |
| CP-117 | 10/19/95 | 19 | <5 | <1 | <1 | <1 | <1 |
| CP-118 | 10/20/95 | <5 | <5 | <1 | 5 | <1 | <1 |
| CP-119 | 10/20/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <5 | <5 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <5 | <5 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7.29E-01* | *PQL = 10* | *4.80E+03* | *1.60E+03* | *6.40E+02* | *3.80E-04* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *87-86-5* | *85-01-8* | *120-12-7* | *84-74-2* | *206-44-0* | *92-87-5* |
| *SITE* | *DATE* | *Pentachloro-phenol (ug/l)* | *Phenanthrene (ug/l)* | *Anthracene (ug/l)* | *Di-n-butyl-phthalate (ug/l)* | *Fluoranthene (ug/l)* | *Benzidine (ug/l)* |
| CP-103A | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | <5 | 2 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <5 | 1 | <1 | <1 | <1 | <1 |
| CP-108A | 10/16/95 | <5 | <1 | <1 | 1 | 1 | <1 |
| CP-108B | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <5 | 2 | <1 | <1 | <1 | <1 |
| CP-110 | 10/16/95 | <5 | 3 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <5 | 2 | <1 | <1 | <1 | <1 |
| CP-117 | 10/19/95 | <5 | 2 | <1 | <1 | <1 | <1 |
| CP-118 | 10/20/95 | <5 | 4 | <1 | <1 | <1 | <1 |
| CP-119 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <5 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <5 | 2 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *4.80E+02* | *3.20E+03* | *1.94E-01* | *1.20E-02* | *1.20E-02* | *6.25E+00* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *129-00-0* | *85-68-7* | *91-94-1* | *56-55-3* | *218-01-3* | *117-81-7* |
| *SITE* | *DATE* | *Pyrene (ug/l)* | *Butyl benzyl phthalate (ug/l)* | *3,3'-Dichloro-benzidine (ug/l)* | *Benzo(a) anthracene (ug/l)* | *Chrysene (ug/l)* | *bis(2-ethylhexyl) phthalate (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-104A | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-108A | 10/16/95 | 2 | <1 | <1 | <2 | <1 | <1 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <2 | <1 | 6 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-116 | 10/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-118 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | 5 |
| CP-119 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <2 | <1 | <1 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <2 | <1 | <1 |

# SVOCs in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *3.20E+02* | *1.20E-02* | *1.20E-02* | *1.20E-02* | *1.20E-02* | *1.20E-02* |
|---|---|---|---|---|---|---|---|
| *CAS Number* | | *117-84-0* | *205-99-2* | *207-08-9* | *50-32-8* | *193-39-5* | *53-70-3* |
| *SITE* | *DATE* | *Di-n-octyl-phthalate (ug/l)* | *Benzo(b) fluoranthene (ug/l)* | *Benzo(k)fluor anthene (ug/l)* | *Benzo(a) pyrene (ug/l)* | *Indeno (1,2,3-cd) pyrene (ug/l)* | *Dibenz(a,h) anthracene (ug/l)* |
| CP-103A | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-103B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-104A | 10/17/95 | 5 | <1 | <1 | <1 | <1 | <1 |
| CP-104B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105A | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-105B | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106A | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-106B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-107 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-108A | 10/16/95 | <1 | 1 | 2 | 2 | <1 | <1 |
| CP-108B | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-109 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-110 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-111 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-112 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-113 | 10/17/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-114 | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115A | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-115B | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-116 | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-117 | 10/19/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-118 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-119 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-121 | 10/20/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| CP-122B | 10/18/95 | <1 | <1 | <1 | <1 | <1 | <1 |
| W-10 | 10/16/95 | <1 | <1 | <1 | <1 | <1 | <1 |

# SVOCs in Groundwater
# 4th Quarter 1995
# Pier 91 Facility

| *MTCA Method B (ug/l)* | | *PQL = 10* |
|---|---|---|
| *CAS Number* | | *191-24-2* |
| *SITE* | *DATE* | *Benzo(g,h,i) perylene (ug/l)* |
| CP-103A | 10/16/95 | <1 |
| CP-103B | 10/19/95 | <1 |
| CP-104A | 10/17/95 | <1 |
| CP-104B | 10/17/95 | <1 |
| CP-105A | 10/17/95 | <1 |
| CP-105B | 10/17/95 | <1 |
| CP-106A | 10/18/95 | <1 |
| CP-106B | 10/18/95 | <1 |
| CP-107 | 10/17/95 | <1 |
| CP-108A | 10/16/95 | <1 |
| CP-108B | 10/16/95 | <1 |
| CP-109 | 10/20/95 | <1 |
| CP-110 | 10/16/95 | <1 |
| CP-111 | 10/16/95 | <1 |
| CP-112 | 10/17/95 | <1 |
| CP-113 | 10/17/95 | <1 |
| CP-114 | 10/18/95 | <1 |
| CP-115A | 10/19/95 | <1 |
| CP-115B | 10/19/95 | <1 |
| CP-116 | 10/19/95 | <1 |
| CP-117 | 10/19/95 | <1 |
| CP-118 | 10/20/95 | <1 |
| CP-119 | 10/20/95 | <1 |
| CP-121 | 10/20/95 | <1 |
| CP-122B | 10/18/95 | <1 |
| W-10 | 10/16/95 | <1 |

# Total Metals in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *5.00E-02* | *1.12E+03* | *2.30E-02* | *8.00E+00* | *8.00E+01* | *5.92E+02* | *Method A = 5* |
|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *7440-38-2* | *7440-39-3* | *7440-41-7* | *7440-43-9* | *18540-29-9* | *7440-50-8* | *7439-92-1* |
| *SITE* | *DATE* | *Arsenic (mg/l)* | *Barium (mg/l)* | *Beryllium (mg/l)* | *Cadmium (mg/l)* | *Chromium (mg/l)* | *Copper (mg/l)* | *Lead (mg/l)* |
| CP-103A | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-103B | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.007 |
| CP-104A | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104B | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105A | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105B | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106A | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106B | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.025 | <0.025 | <0.003 |
| CP-107 | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108A | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.004 |
| CP-108B | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.015 | <0.025 | <0.003 |
| CP-109 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-110 | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-111 | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-112 | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-113 | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-114 | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115A | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115B | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.035 | <0.025 | <0.003 |
| CP-116 | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-117 | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-118 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-119 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.011 | <0.025 | <0.003 |
| CP-121 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-122B | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.056 | <0.025 | <0.003 |
| W-10 | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |

# Total Metals in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7439-97-6* | *3.20E+02* | *8.00E+01* | *8.00E+01* | *4.80E+03* |
|---|---|---|---|---|---|---|
| *CAS Number* | | *4.80E+00* | *7440-02-0* | *7782-49-2* | *7740-22-4* | *7440-66-6* |
| *SITE* | *DATE* | *Mercury (mg/l)* | *Nickel (mg/l)* | *Selenium (mg/l)* | *Silver (mg/l)* | *Zinc (mg/l)* |
| CP-103A | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-103B | 10/19/95 | 0.001 | <0.04 | <0.005 | <0.01 | 0.037 |
| CP-104A | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104B | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105A | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105B | 10/17/95 | 0.0017 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106A | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106B | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-107 | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108A | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108B | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-109 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-110 | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-111 | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-112 | 10/17/95 | 0.0063 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-113 | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-114 | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115A | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115B | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-116 | 10/19/95 | <0.0008 | <0.04 | 0.005 | <0.01 | <0.02 |
| CP-117 | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-118 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-119 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-121 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-122B | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| W-10 | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |

# Dissolved Metals in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *5.00E-02* | *1.12E+03* | *2.30E-02* | *8.00E+00* | *8.00E+01* | *5.92E+02* | *Method A = 5* |
|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *7440-38-2* | *7440-39-3* | *7440-41-7* | *7440-43-9* | *18540-29-9* | *7440-50-8* | *7439-92-1* |
| *SITE* | *DATE* | *Dissolved Arsenic (mg/l)* | *Dissolved Barium (mg/l)* | *Dissolved Beryllium (mg/l)* | *Dissolved Cadmium (mg/l)* | *Dissolved Chromium (mg/l)* | *Dissolved Copper (mg/l)* | *Dissolved Lead (mg/l)* |
| CP-103A | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-103B | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104A | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-104B | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105A | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-105B | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106A | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-106B | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | 0.014 | <0.025 | <0.003 |
| CP-107 | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108A | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-108B | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-109 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-110 | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-111 | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-112 | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-113 | 10/17/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-114 | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115A | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-115B | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-116 | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-117 | 10/19/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-118 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-119 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.003 |
| CP-121 | 10/20/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |
| CP-122B | 10/18/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | 0.003 |
| W-10 | 10/16/95 | <0.01 | <0.2 | <0.005 | <0.005 | <0.01 | <0.025 | <0.003 |

# Dissolved Metals in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method B (ug/l)* | | *7439-97-6* | *3.20E+02* | *8.00E+01* | *8.00E+01* | *4.80E+03* |
|---|---|---|---|---|---|---|
| *CAS Number* | | *4.80E+00* | *7440-02-0* | *7782-49-2* | *7740-22-4* | *7440-66-6* |
| *SITE* | *DATE* | *Dissolved Mercury (mg/l)* | *Dissolved Nickel (mg/l)* | *Dissolved Selenium (mg/l)* | *Dissolved Silver (mg/l)* | *Dissolved Zinc (mg/l)* |
| CP-103A | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-103B | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104A | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-104B | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105A | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-105B | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106A | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-106B | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-107 | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108A | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-108B | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-109 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-110 | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-111 | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-112 | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-113 | 10/17/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-114 | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115A | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-115B | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-116 | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-117 | 10/19/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-118 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-119 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-121 | 10/20/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| CP-122B | 10/18/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |
| W-10 | 10/16/95 | <0.0008 | <0.04 | <0.005 | <0.01 | <0.02 |

# PCBs in Groundwater
## Pier 91 Facility
## 4th Quarter 1995

| *MTCA Method B (ug/l)* | | *12674-11-2* | *11104-28-2* | *11141-16-5* | *53469-21-9* | *12672-29-6* | *11097-69-1* | *11096-82-5* |
|---|---|---|---|---|---|---|---|---|
| *CAS Number* | | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* | *1.14E-02* |
| *SITE* | *DATE* | *Aroclor 1016 (ug/l)* | *Aroclor 1221 (ug/l)* | *Aroclor 1232 (ug/l)* | *Aroclor 1242 (ug/l)* | *Aroclor 1248 (ug/l)* | *Aroclor 1254 (ug/l)* | *Aroclor 1260 (ug/l)* |
| CP-104A | 10/17/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-106B | 10/18/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-108A | 10/16/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-110 | 10/16/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-111 | 10/16/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-112 | 10/17/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-113 | 10/17/95 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 |
| CP-114 | 10/18/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-115A | 10/19/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-115B | 10/19/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-116 | 10/19/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-117 | 10/19/95 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 | <0.25 |
| CP-118 | 10/20/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-119 | 10/20/95 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 | <0.2 |
| CP-121 | 10/20/95 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 | <0.1 |
| CP-122B | 10/18/95 | <1.4 | <1.4 | <1.4 | <1.4 | <1.4 | <1.4 | <1.4 |
| W-10 | 10/16/95 | | | | | | | |

# TPH in Groundwater
## 4th Quarter 1995
## Pier 91 Facility

| *MTCA Method A (mg/l)* | | *1.00E+00* | *1.00E+00* | *1.00E+00* |
|---|---|---|---|---|
| *CAS Number* | | *NA* | *NA* | *NA* |
| *SITE* | *DATE* | *WTPH-D (as diesel) (mg/l)* | *WTPH-G (as gasoline) (mg/l)* | *TPH (418.1) (mg/l)* |
| CP-103A | 10/16/95 | <1 | 0.66 | <1 |
| CP-103B | 10/19/95 | <1 | <0.3 | <1 |
| CP-104A | 10/17/95 | <1 | 0.39 | <1 |
| CP-104B | 10/17/95 | <1 | <0.3 | <1 |
| CP-105A | 10/17/95 | <1 | <0.3 | <1 |
| CP-105B | 10/17/95 | <1 | <0.3 | <1 |
| CP-106A | 10/18/95 | <1 | <0.3 | <1 |
| CP-106B | 10/18/95 | <1 | <0.3 | <1 |
| CP-107 | 10/17/95 | <1 | <0.3 | <1 |
| CP-108A | 10/16/95 | <1 | 0.33 | <1 |
| CP-108B | 10/16/95 | <1 | <0.3 | <1 |
| CP-109 | 10/20/95 | <1 | 3.3 | 1.5 |
| CP-110 | 10/16/95 | <1 | 0.81 | <1 |
| CP-111 | 10/16/95 | <1 | <0.3 | <1 |
| CP-112 | 10/17/95 | <1 | <0.3 | <1 |
| CP-113 | 10/17/95 | <1 | <0.3 | <1 |
| CP-114 | 10/18/95 | <1 | <0.3 | <1 |
| CP-115A | 10/19/95 | <1 | 3.8 | <1 |
| CP-115B | 10/19/95 | <1 | <0.3 | <1 |
| CP-116 | 10/19/95 | <1 | 1.2 | <1 |
| CP-117 | 10/19/95 | <1 | <0.3 | 1.6 |
| CP-118 | 10/20/95 | <1 | 3.3 | 4.6 |
| CP-119 | 10/20/95 | <1 | 1.8 | 3.5 |
| CP-121 | 10/20/95 | <1 | <0.3 | <1 |
| CP-122B | 10/18/95 | <1 | <0.3 | <1 |
| W-10 | 10/16/95 | <1 | 0.94 | <1 |