International Boundary & Water Commission
United States Section
San Diego Field Office
2225 Dairy Mart Road
San Diego, CA 92173

July 16, 2007

Mr. John H. Robertus, Executive Officer
California Regional Water Quality Control Board
San Diego Region
9174 Sky Park Court, Suite 100
San Diego, Ca. 92123

SUBJECT: Annual Monitoring Report for the South Bay International Wastewater Treatment Plant, San Diego, California, Order No. 96-50, NPDES Permit No. CA0108928

Dear Mr. Robertus:

Enclosed is the 2006 Annual Monitoring Report for the South Bay International Wastewater Treatment Plant (SBIWTP).

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this document and all attachments and that, based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the information is true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment.

If you require and additional information, please contact me at (619) 662-7600.

Sincerely,

Dawi Dakhil
Acting Project Manager

Enclosure as Stated:

I:\NPDES\2007\Annual Monitoring Report 2006.doc

cc: Ms. Elizabeth Borowiec
Environmental Protection Specialist
U.S. EPA Region 9, 75 Hawthorne Street (WTR-4)
San Francisco, CA 94105-3901

2007 JUL 19 P 12:21

# INTERNATIONAL BOUNDARY AND WATER COMMISSION
# UNITED STATES AND MEXICO

UNITED STATES SECTION

# SOUTH BAY INTERNATIONAL WASTEWATER TREATMENT PLANT

Prepared by: VEOLIA WATER

# 2006 ANNUAL NPDES REPORT

South Bay International Wastewater Treatment Plant

2006

Annual Monitoring Report

NPDES Permit CA 0108928

Order No. 96-50

June 30, 2007

Prepared By

Richard Perna

Plant Superintendent
Veolia Water North America – West LLC

June 30, 2007

# TABLE OF CONTENTS

**Discussion of the Monitoring and Reporting Program:**

Monitoring – Influent and Effluent Constituents 1

Reporting 1

Plant Personnel 2

Operations and Maintenance Manual 6

Identification of Laboratory 7

**Plant Removal Efficiencies** 8

**Tabulation of the INFLUENT Constituents** 11

**Tabulation of the EFFLUENT Constituents** 19

**Influent Graphs** 27

Plant Influent Flow 28

Influent Settleable Solids 29

Influent Total Suspended Solids 30

Influent CBOD 31

Influent Turbidity 32

Influent Arsenic 33

Influent Beryllium 34

Influent Cadmium 35

Influent Total Chromium 36

Influent Copper 37

Influent Lead 38

Influent Mercury 39

Influent Nickel 40

Influent Silver 41

Influent Zinc 42

Influent Cyanide 43

Influent Total Non-Chlor Phenols 44

Influent TCDD Equivalents 45

**Effluent Graphs** 46

Plant Effluent Flow 47

Effluent Settleable Solids 48

Effluent Grease & Oil 49

Effluent pH 50

Effluent Total Suspended Solids 51

Effluent CBOD 52

Effluent Turbidity 53

Effluent Acute Toxicity 54

Effluent Chronic Toxicity 55

Effluent Antimony 56

Effluent Beryllium 57

Effluent Thallium 58

Effluent Arsenic 59

Effluent Cadmium 60

Effluent Total Chromium 61

Effluent Copper 62

Effluent Lead 63

Effluent Mercury 64

Effluent Nickel 65

Effluent Selenium 66

Effluent Silver 67

Effluent Zinc 68

Effluent Cyanide 69

Effluent Ammonia-N 70

Effluent Total Chlorine Residual 71

Effluent Non-Chlorinated Phenols 72

Effluent PAH's 73

Effluent Non-Chlorinated Phenols 74

Effluent TCDD Equivalents 75

Effluent Total Halomethanes Purgeable 76

# Discussion of the Monitoring and Reporting Program

## Monitoring

### Influent Constituents

The testing of the influent from the City of Tijuana was conducted from January through December 2006. All samples were collected by the Plant's staff and tested by Sierra Analytical Laboratory, in accordance with Standard Methods.

### Effluent Constituents

The testing of the effluent from the City of Tijuana was conducted from January through December 2006. All samples were collected by the Plant's staff and tested by Sierra Analytical Laboratory, in accordance with Standard Methods. The effluent was discharged through the Ocean Outfall.

### Reporting

Monthly Reports were submitted to the Regional Water Quality Control Board, as per provision of the NPDES permit.

# Plant Personnel

The current roster for the operation and maintenance of the South Bay International Wastewater Treatment Plant is as follows:

| | |
|---|---|
| Plant Manager | Richard Perna, Project Manager |
| Certification | Grade V, WWTPO #V-9478 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |
| Oper. Supervisor | Mark Kaveney, Operations Supervisor |
| Certification | Grade IV, WWTPO #IV-9431 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |
| Maintenance Mgr. | Rick Barclay, Maintenance Manager |
| Certification | Grade III Mechanical Tech, Cert # 131<br>Grade IV Plant Maintenance Tech, Cert # 00015401 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |
| Shift Supervisor | Renato Bartolome, Shift Supervisor |
| Certification | Grade III, WWTPO #III-9718 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Shift Supervisor | Albert Perez, Shift Supervisor |
| Certification | Grade III, WWTPO #III-9398 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Shift Supervisor | James Smith, Shift Supervisor |
| Certification | Grade III, WWTPO, #III-2331 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Shift Supervisor | Robert Gamble Jr., Shift Supervisor |
| Certification | Grade IV, WWTPO, #IV-4035 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Operator | Hal Van Horn, Operator |
| Certification | Grade II, WWTPO # II-8767 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Operator | Joseph Passalacqua Jr., Operator |
| Certification | Grade I, WWTPO # I-9917 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Operator | Tanya Clark, Operator |
| Certification | Grade II, WWTPO #II-27889 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Operator | Steve Morris, Operator |
| Certification | Grade I, WWTPO # I-10906 |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| OIT | Dale Waldren, Operator in Training |
| Certification | Grade I OIT |
| Job Certification | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| OIT | Antonio Martinez, Operator in Training |
| Certification | Grade I OIT |
| Job Description | Responsible for the Operation and Maintenance of the South Bay International WWTP and the U.S. wastewater collection and pump stations that convey the City of Tijuana runoff. |

| | |
|---|---|
| Operator | Renato Dizon, Maintenance Mechanic |
| Certification | Grade II, WWTPO # II-10613 |
| Job Description | Responsible for the O & M of plant equipment and pump stations. Also provides O & M support at the South Bay International WWTP. |

| | |
|---|---|
| Operator | Bernabe Balatero, Maintenance Mechanic |
| Certification | Grade II, WWTPO # II-10612 |
| Job Description | Responsible for the O & M of plant equipment and pump stations. Also provides O & M support at the South Bay International WWTP |

| | |
|---|---|
| Hvy. Equipment Op. | Steve Hoyt |
| Certification | Grade II Mechanical Tech, Cert # 060762003 |
| Job Description | Responsible for the O & M of the canyon collectors and pumps stations. Also provides O & M support at the South Bay International WWTP. |

| | |
|---|---|
| Hvy. Equipment Op. | Troy Prewett |
| Certification | None |
| Job Description | Responsible for the O & M of the canyon collectors and pumps stations. Also provides O & M support at the South Bay International WWTP. |

| | |
|---|---|
| E & I Technician | Rudy Galleta |
| Certification | None |
| Job Description | Responsible for the inspection and repair of electronic equipment in support of O & M of the South Bay International WWTP and the U.S. wastewater collection and pump stations. |

| | |
|---|---|
| Admin. Assistant | Peggy Rust |
| Certification | None |
| Job Description | Responsible for the Accounting, Payroll, Human Resources and all other office procedures for the South Bay International WWTP as assigned by staff. |

# Operations and Maintenance Manual

The O & M manuals for the South Bay International Wastewater Treatment Plant were last updated in March 2006

The Master Set of these O & M manuals is redlined to reflect changes in the field.

These manuals are complete and valid for the current facilities CC-1, CC-2B, CC-4A and CC-4B.

# Identification of Laboratory Performing Analysis

Veolia Water performed all sampling tasks. Laboratory services for sample pick up and analysis was contracted to the Environmental Lab listed below.

From January through December 2006 the laboratory analysis was performed by:

Sierra Laboratories
26052 Merit Circle
Laguna Hills, CA 92653

Pacific Eco Risk
835 Arnold Dr., Suite 104
Martinez, CA 94553

# Plant Removal Efficiencies

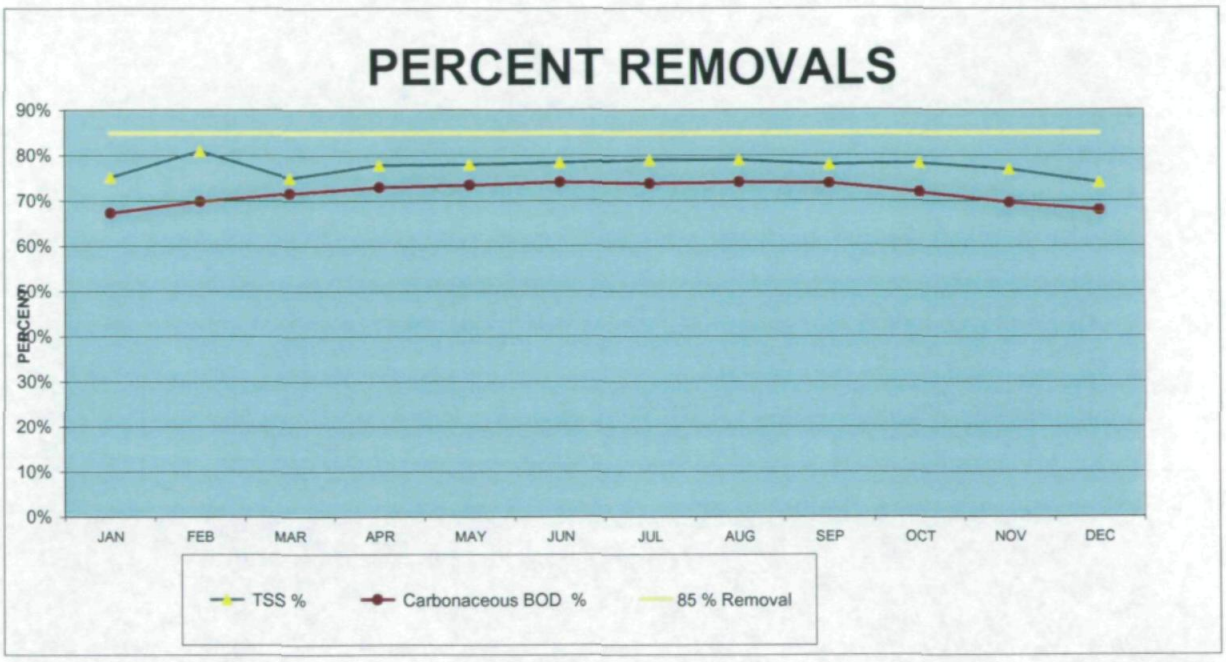
# 2006 PLANT PROCESS REMOVAL EFFICIENCIES

## SOUTH BAY INTERNATIONAL WWTP

### ADVANCED PRIMARY CLARIFICATION

| | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | AVERAGE % |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| TSS | % | 75% | 81% | 75% | 78% | 78% | 78% | 79% | 79% | 78% | 78% | 77% | 74% | 78% |
| Carbonaceous BOD | % | 67% | 70% | 72% | 73% | 73% | 74% | 74% | 74% | 74% | 72% | 70% | 68% | 72% |

# 2006 PLANT PROCESS REMOVAL EFFICIENCIES



# TABULATION OF THE

# INFLUENT CONSTITUENTS

# TABULATION OF THE INFLUENT CONSTITUENTS

## SOUTH BAY INTERNATIONAL WTP

**NPDES Data for the South Bay International WTP** **2006 INFLUENT TABS**

| INFLUENT NPDES | Units | Limitations | JAN Average | FEB Average | MAR Average | APR Average | MAY Average | JUN Average | JUL Average | AUG Average | SEP Average | OCT Average | NOV Average | DEC Average | 2006 AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Influent flow | mgd | | 26.87 | 27.25 | 26.06 | 25.73 | 26.17 | 26.47 | 26.91 | 26.45 | 26.99 | 26.52 | 27.17 | 27.18 | 26.65 |
| **GRAB SAMPLES / OIL & GREASE** | | | | | | | | | | | | | | | |
| Settleable Solids | ml/L | | 2.6 | 2.1 | 5.0 | 5.2 | 5.0 | 4.1 | 7.6 | 3.8 | 5.3 | 4.5 | 3.7 | 3.9 | 4.4 |
| weekly (7 day) average | ml/L | | 2.5 | 2.4 | 5.1 | 4.9 | 5.4 | 4.1 | 7.6 | 3.8 | 5.4 | 4.6 | 3.4 | 4.0 | 4.4 |
| pH | pH | | 7.3 | 7.4 | 7.2 | 7.3 | 7.2 | 7.1 | 7.1 | 7.2 | 7.3 | 7.1 | 7.2 | 7.2 | 7.2 |
| Oil/grease | mg/L | | 37.3 | 36.4 | 36.5 | 37.6 | 35.9 | 35.0 | 37.0 | 38.3 | 37.8 | 34.5 | 33.3 | 31.7 | 35.9 |
| weekly (7 day) average | mg/L | | 36.7 | 37.2 | 36.6 | 36.9 | 36.5 | 35.0 | 37.0 | 38.3 | 38.1 | 34.9 | 33.8 | 31.6 | 36.1 |
| Temperature | c | | 17.7 | 18.8 | 18.5 | 20.4 | 22.0 | 24.6 | 27.4 | 27.6 | 26.4 | 23.5 | 22.2 | 19.4 | 22.4 |
| **COMPOSITE ANALYSES** | | | | | | | | | | | | | | | |
| Total Suspended Solids | mg/L | | 386.8 | 526.3 | 406.9 | 413.4 | 404.6 | 393.7 | 400.3 | 395.6 | 364.0 | 360.9 | 317.6 | 326.0 | 391.3 |
| weekly (7 day) average | | | 374.4 | 526.3 | 392.9 | 420.7 | 407.7 | 392.8 | 393.0 | 395.9 | 357.0 | 366.4 | 315.3 | 329.1 | 389.3 |
| Volatile Suspended Solids | mg/L | | 185.3 | 909.3 | 178.3 | 179.8 | 231.8 | 193.7 | 241.8 | 213.3 | 209.8 | 176.2 | 164.6 | 157.8 | 253.5 |
| BOD | mg/L | | 428.5 | 504.0 | 435.0 | 440.5 | 512.0 | 462.0 | 485.8 | 444.0 | 493.5 | 419.4 | 401.2 | 376.5 | 450.2 |
| Soluble BOD | mg/L | | 361.8 | 446.7 | 378.0 | 385.3 | 431.3 | 406.0 | 407.5 | 372.0 | 549.5 | 361.2 | 331.6 | 276.3 | 392.3 |
| Carbonaceous BOD (CBOD) | mg/L | | 364.1 | 401.2 | 439.8 | 444.3 | 433.9 | 440.1 | 439.1 | 440.5 | 413.3 | 388.2 | 343.1 | 348.1 | 408.0 |
| weekly (7 day) average | mg/L | | 362.3 | 397.6 | 430.5 | 446.9 | 437.4 | 439.0 | 432.8 | 442.7 | 404.5 | 396.5 | 341.9 | 350.6 | 406.9 |
| Floatables | mg/L | | 3.2 | 3.0 | 5.0 | 5.3 | 5.1 | 3.6 | 7.8 | 3.9 | 5.5 | 4.2 | 3.8 | 4.0 | 4.5 |
| Total Dissolved Solids | mg/L | | 1593.5 | 1532.3 | 1572.5 | 1574.0 | 1595.8 | 1570.0 | 1513.0 | 1552.8 | 1568.0 | 1598.2 | 1586.0 | 1535.0 | 1565.9 |
| Turbidity | NTU | | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | <180 |
| weekly (7 day) average | NTU | | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | 180.0 | <180 |
| Ammonia-N | mg/L | | 50.3 | 58.8 | 54.4 | 55.0 | 56.2 | 48.9 | 50.6 | 53.0 | 54.5 | 53.3 | 50.2 | 52.3 | 53.1 |
| COD Chemical Oxygen Demand | mg/L | | 1005.5 | 1289.7 | 987.5 | 993.5 | 1140.3 | 994.0 | 852.8 | 913.8 | 1011.8 | 894.4 | 834.0 | 826.8 | 978.7 |
| T.S. Total Solids | mg/L | | 2211.3 | 2294.3 | 2171.8 | 2128.0 | 2170.0 | 2122.3 | 2171.8 | 2169.8 | 2173.5 | 2238.4 | 2176.0 | 2122.5 | 2179.1 |
| T.V. Volatile Solids | mg/L | | 1067.5 | 1106.3 | 1056.0 | 1090.5 | 1089.8 | 1080.0 | 1082.5 | 1050.8 | 1020.5 | 1037.6 | 1066.0 | 1036.3 | 1065.3 |



8/2/2007

## NPDES Data for the South Bay International WTP

## 2006 INFLUENT TABS

| | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| **METALS AND CYANIDE** | | 6-MTH M | Mthly Av | MAX | | | | | | | | | | | | | |
| Antimony | mg/l | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | Lbs/day | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Arsenic | mg/L | | 0.024 | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | lbs/day | | 5.000 | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Beryllium | mg/L | | 2.500 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00000 |
| | lbs/day | | 0.520 | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00000 |
| Cadmium | mg/L | | 0.061 | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | lbs/day | | 13.000 | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Chromium Total | mg/L | | 1.100 | | 0.008 | 0.012 | 0.017 | 0.006 | 0.010 | 0.013 | 0.000 | 0.099 | 0.028 | 0.012 | 0.002 | 0.004 | 0.018 |
| | lbs/day | | 230.000 | | 1.72 | 2.60 | 5.28 | 1.34 | 2.28 | 2.81 | 0.01 | 22.00 | 6.44 | 2.58 | 0.32 | 0.80 | 4.01 |
| Chromium III * | mg/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Copper | mg/L | 0.150 | | | 0.096 | 0.142 | 0.087 | 0.068 | 0.104 | 0.159 | 0.020 | 0.131 | 0.099 | 0.100 | 0.022 | 0.104 | 0.094 |
| | lbs/day | 32.000 | | | 20.570 | 30.548 | 24.590 | 15.155 | 24.310 | 33.928 | 5.480 | 29.232 | 21.708 | 21.409 | 4.896 | 22.713 | 21.212 |
| Iron | mg/L | | | | 2.530 | 1.410 | 22.718 | 9.793 | 14.450 | 12.620 | 7.780 | 16.393 | 16.150 | 12.768 | 5.988 | 17.598 | 11.683 |
| Lead | mg/L | | 0.160 | | 0.008 | 0.020 | 0.019 | 0.007 | 0.013 | 0.013 | 0.000 | 0.022 | 0.006 | 0.030 | 0.000 | 0.006 | 0.012 |
| | lbs/day | | 34.000 | | 1.536 | 4.353 | 6.108 | 1.439 | 3.119 | 2.840 | 0.000 | 4.920 | 1.189 | 6.371 | 0.000 | 1.174 | 2.754 |
| Mercury | mg/L | | | 5.400 | 0.00018 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.0000000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00002 |
| | lbs/day | | | 1.100 | 0.00004 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.0000 | 0.00000 | 0.00000 |
| Nickel | mg/L | 0.440 | | | 0.023 | 0.140 | 0.026 | 0.026 | 0.023 | 0.057 | 0.070 | 0.035 | 0.045 | 0.035 | 0.027 | 0.031 | 0.045 |
| | lbs/day | 93.000 | | | 5.131 | 29.880 | 7.035 | 5.681 | 5.327 | 12.138 | 15.680 | 7.636 | 10.411 | 7.690 | 6.000 | 6.912 | 9.960 |
| Selenium | mg/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Silver | mg/L | 0.052 | | | 0.002 | 0.010 | 0.000 | 0.000 | 0.003 | 0.002 | 0.000 | 0.001 | 0.001 | 0.001 | 0.000 | 0.000 | 0.002 |
| | lbs/day | 11.000 | | | 0.461 | 2.032 | 0.000 | 0.000 | 0.620 | 0.506 | 0.000 | 0.199 | 0.193 | 0.183 | 0.000 | 0.000 | 0.350 |
| Thallium | mg/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.004 | 37.000 | 0.007 | 0.000 | 0.000 | 0.000 | 0.000 | 3.084 |
| Zinc | mg/L | | 1.100 | | 0.177 | 0.238 | 0.383 | 0.118 | 0.179 | 0.247 | 0.100 | 0.308 | 0.294 | 0.224 | 0.069 | 0.208 | 0.212 |
| | lbs/day | | 220.000 | | 38.275 | 52.042 | 103.799 | 26.567 | 41.073 | 52.738 | 21.800 | 67.849 | 65.757 | 47.773 | 15.705 | 44.936 | 48.193 |
| Cyanide | mg/L | 0.075 | | | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | <0.20 |
| | lbs/day | 16.000 | | | 4.505 | 4.342 | 4.793 | 4.440 | 4.539 | 4.286 | 4.580 | 4.403 | 4.474 | 4.316 | 4.589 | 4.404 | 4.473 |
| **RADIOACTIVITY** | | | | | | | | | | | | | | | | | |
| Alpha Radiation | pc/L | | | | 8.84+/-1.81 | 2.76+/-1.58 | 6.3+/-1.45 | 0.71+/-1.63 | 6.19+/-2.69 | 5.41+/-2.13 | 4.24+/-1.15 | 3.0+/-1.3 | 5.15+/-2.77 | 3.92+/-2.08 | 5.76+/-1.44 | 6.17+/-1.86 | |
| Beta Radiation | pc/L | | | | 13.6+/-3.67 | 8.69+/-2.87 | 15.3+/-3.46 | 17.7+/-4.01 | 10.1+/-3.40 | 24.3+/-4.22 | 16.7+/-3.94 | 7.0+/-3.1 | 16.7+/-3.85 | 20.7+/-3.37 | 12.8+/-3.86 | 18.2+/-4.12 | |
| **CHLORINATED PESTICIDES** | | | | | | | | | | | | | | | | | |
| **Aldrin** | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **Dieldrin** | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **alpha-BHC** | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **beta-BHC** | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **gamma-BHC (Lindane)** | ug/L | 0.420 | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | 0.000 | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **delta-BHC** | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **Total HCH** | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |



4000/2/2/08

NPDES Data for the South Bay International WTP

2006 INFLUENT TABS

| | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| p,p-DDD | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| p,p-DDE | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| p,p-DDT | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o,p-DDD | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o,p-DDE | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o,p-DDT | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total DDT | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | |
| Heptachlor | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Heptachlor epoxide | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Heptachlor | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | |
| Alpha (cis) Chlordane | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gamma (trans) Chlordane | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Alpha (cis) Chlordane | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Gamma (trans) Chlordane | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Oxychlordane | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| trans Nonachlor | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| cis Nonachlor | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Total Chlordane | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | |
| Alpha Endosulfan | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Beta Endosulfan | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Endosulfan Sulfate | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Total Endosulfan | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | | | | | | | | | | | | | | | | |
| Endrin | ug/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Endrin aldehyde | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Mirex | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Methoxychlor | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| Toxaphene | ng/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| | | | | | | | | | | | | | | | | | |
| PCB 1016 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1221 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1232 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1242 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1248 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1254 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1260 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1262 | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Total PCB's | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| | | | | | | | | | | | | | | | | | |



8/2/2007

NPDES Data for the South Bay International WTP

## 2006 INFLUENT TABS

| | Units | Limitations | | | JAN Average | FEB Average | MAR Average | APR Average | MAY Average | JUN Average | JUL Average | AUG Average | SEP Average | OCT Average | NOV Average | DEC Average | 2006 AVERAGE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| **BENZIDINE (EPA 605)** | | | | | | | | | | | | | | | | | |
| **benzidine** | ng/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **3,3-dichlorobenzidine** | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **TRIBUTYL TIN ANALYSIS** | | | | | | | | | | | | | | | | | |
| **tributyl tin** | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **dibutyl tin** | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **monobutyl tin** | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **BASE/NEUTRAL COMPOUNDS (EPA 625)** | | | | | | | | | | | | | | | | | |
| bis(2-chloroethly) ether | ug/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| metadichlorobenzene | g/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| orthodichlorobenzene | g/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| paradichlorobenzene (1,4-dichlorobenzene) | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| bis-(2-chloroisopropyl) ether | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| N-nitrosodi-n-propylamine | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| nitrobenzene | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| hexachloroethane | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| isophorone | g/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.0000000 |
| bis(2-chloroethoxy)methane | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,2,4-trichlorobenzene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| naphthalene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| hexachlorobutadiene | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| hexachlorocyclopentadiene | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| acenaphthylene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| dimethyl phthalate | g/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000001 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| 2,6-dinitrotoluene | ug/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| acenaphthene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,4-dinitrotoluene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| fluorene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-chlorophenyl phenyl ether | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **diethyl phthalate** | g/L | | | | 0.000000 | 0.000000 | 0.000039 | 0.000047 | 0.000025 | 0.000015 | 0.000000 | 0.000000 | 0.000011 | 0.000014 | 0.000011 | 0.000011 | 0.000014 |
| N-nitrosodiphenylamine | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-bromophenyl phenyl ether | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| hexachlorobenzene | ng/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| phenanthrene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| anthracene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |



8/2/2007

NPDES Data for the South Bay International WTP

## 2006 INFLUENT TABS

| | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| **di-n-butyl phthalate** | mg/L | | | | 0.0000 | 0.0078 | 0.0300 | 0.0000 | 0.0300 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0100 | 0.0000 | 0.0000 | 0.0065 |
| N-nitrosodimethylamine | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| fluoranthene | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| pyrene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.00 | 13.00 | 0.00 | 0.00 | 0.00 | 2.17 |
| butyl benzyl phthalate | ug/L | | | | 0.00 | 4.40 | 22.00 | 3.20 | 3.50 | 1.70 | 0.00 | 0.00 | 0.00 | 1.30 | 0.00 | 0.00 | 3.01 |
| chrysene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| benzo(A)anthracene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **bis-(2-ethylhexyl) phthalate** | ug/L | | | | 0.00 | 100.00 | 240.00 | 0.00 | 53.00 | 26.00 | 0.00 | 0.00 | 25.00 | 22.00 | 0.00 | 0.00 | 38.83 |
| **di-n-octyl phthalate** | ug/L | | | | 0.00 | 11.00 | 39.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.10 | 2.70 | 0.00 | 0.00 | 4.57 |
| benzo(K)fluoranthene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 3,4-benzo(B)fluoranthene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| benzo(A)pyrene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| indeno(1,2,3-CD)pyrene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| dibenzo(A,H)anthracene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| benzo(G,H,I)perylene (pah) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,2-diphenylhydrazine | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Polynuclear aromatic hydroc** | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 13.00 | 13.00 | 0.00 | 0.00 | 0.00 | 2.17 |
| **NON & CHLORINATED PHENOLS** | | | | | | | | | | | | | | | | | |
| 2-chlorophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,4-dichlorophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-cholor-3-methylphenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,4,6-trichlorophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| pentachlorophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total chlorinated phenols** | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | | | | | | | | | | | | | | | | |
| **phenol** | ug/l | | | | **16.7** | **36.87** | **15.45** | **15.95** | **10.73** | **5.80** | **3.93** | **4.35** | **5.23** | **4.54** | **6.30** | **3.80** | **10.80** |
| 2-nitrophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,4-dimethylphenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2,4-dinitrophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-nitrophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.48 | 0.00 | 0.00 | 0.04 |
| 2-methyl-4,6-dinitrophenol | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total non-chlor phenols** | mg/L | | | | 0.017 | 0.037 | 0.020 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 | 0.010 | 0.010 | 0.010 | 0.010 | 0.013 |



8/27/2007

NPDES Data for the South Bay International WTP

2006 INFLUENT TABS

| | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| **HALOMETHANE PURGEABLE COMPOUNDS (EPA 624) (VOC's)** | | | | | | | | | | | | | | | | | |
| chloromethane (hal) | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| bromomethane (hal) | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| vinyl chloride (hal) | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| chloroethane | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,1-dichloroethene (1,1-dichloroethylene) | ug/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| trichlorofluoromethane | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| methlyene chloride (dichloromethane) | mg/L | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1,1-dichloroethane | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| trans-1,2-dichloroethene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **chloroform** | mg/L | | | | 0.0100 | 0.0000 | 0.0000 | 0.0100 | 0.0000 | 0.0100 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0025 |
| 1,2-dichloroethane | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,1,1-trichloroethane | g/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| carbon tetrachloride | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **DCBM-bromodichloromethane (hal)** | mg/L | | | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1,2-dichloropropane | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| trans-1,3-dichloropropene | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| trichloroethene (trichloroethlyene) | mg/L | | | | 0.0000 | 0.0000 | 0.0000 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.0000 |
| benzene | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **dibromochloromethane (hal)** | ug/L | | | | 1.3000 | 1.1000 | 1.0000 | 2.8000 | 1.2000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 1.5000 | 0.7417 |
| 1,1,2-trichloroethane | g/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| cis-1,3-dichloropropene | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2-chloroethylvinyl ether | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **bromoform (hal)** | mg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 1,1,2,2-tetrachloroethane | ug/L | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000000 |
| tetrachloroethene (tetrachloroethlyene) | mg/L | | | | 0.000000 | 0.0000 | 0.0010 | 0.0030 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.000417 |
| **toluene** | g/L | | | | 0.001200 | 0.000040 | 0.000027 | 0.000015 | 4.900000 | 0.000005 | 0.000000 | 0.000000 | 0.000000 | 0.000008 | 0.000000 | 0.000005 | 0.408442 |
| chlorobenzene | ug/L | | | | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.408442 |
| ethylbenzene | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 2-butanone (MEK) | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| carbon disulfide | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **Total Halomethanes** | ug/L | | | | 1.30 | 2.30 | 1.00 | 5.00 | 2.20 | 1.10 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.80 | 1.30833 |



4004/2/8

## NPDES Data for the South Bay International WTP

## 2006 INFLUENT TABS

| | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| **EPA METHOD 624** | | | | | | | | | | | | | | | | | |
| acrylonitrile | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| acrolein | ug/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/d | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **TCDD equivalents** | | | | | | | | | | | | | | | | | |
| 2,3,7,8-tetra CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8-penta CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,7,8-hexa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,6,7,8-hexa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8,9-hexa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,6,7,8-hepta CDD | pg/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| octa CDD | pg/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 2,3,7,8-tetra CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8-penta CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2,3,6,7,8-penta CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,7,8-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,6,7,8-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8,9-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2,3,4,6,7,8-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,6,7,8-hepta CDF | pg/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 1,2,3,4,7,8,9-hepta CDF | pg/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| octa CDF | pg/L | | | | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| TOTAL TCDD | pg/L | | | | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TOTAL TCDD lbs/day | lbs/d | | | | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 | 0.00000000 |

0 = not detected: NS = not sampled
NA = not analyzed



8/2/2007

# TABULATION OF THE

# EFFLUENT CONSTITUENTS

# TABULATION OF THE EFFLUENT CONSTITUENTS

## SOUTH BAY INTERNATIONAL WTP

**NPDES Data for the South Bay International WTP** — **2006 EFFLUENT TABS**

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| | | Limitations | | | | | | | | | | | | | | | |
| | | Daily average flow | | | | | | | | | | | | | | | |
| EFFLUENT FLOW (MGD) | mgd | | | | 24.59 | 25.02 | 24.13 | 23.68 | 23.97 | 24.55 | 24.79 | 24.51 | 24.72 | 24.48 | 24.48 | 24.99 | 24.49 |
| weekly (7 day) average | mgd | | | | 24.81 | 24.09 | 24.70 | 23.90 | 24.04 | 24.22 | 25.27 | 24.06 | 24.78 | 24.59 | 24.46 | 24.79 | 24.48 |
| monthly (30 day) average | mgd | | 25 mgd | | 24.90 | 24.50 | 24.42 | 24.42 | 24.06 | 23.73 | 25.07 | 24.07 | 24.89 | 24.64 | 24.46 | 24.37 | 24.46 |
| **GRAB SAMPLES / OIL & GREASE** | | Limitations | | | | | | | | | | | | | | | |
| | | 30-day | 7-day | Max | | | | | | | | | | | | | |
| Settleable Solids | ml/L | 1.0 | --- | 3.0 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.0 | 0.1 | 0.1 | 0.1 | 0.1 |
| weekly (7 day) average | ml/L | --- | 1.5 | --- | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Oil/grease | mg/L | --- | --- | 75 | 12.2 | 12.3 | 12.8 | 12.5 | 12.5 | 12.2 | 12.7 | 12.3 | 12.8 | 12.6 | 11.9 | 12.5 | 12.4 |
| daily mass emission | lbs/d | --- | --- | 16,000 | 2481.1 | 2552.9 | 2569.4 | 2464.9 | 2504.1 | 2502.9 | 2621.7 | 2524.6 | 2629.3 | 2576.9 | 2443.6 | 2605.1 | 2539.7 |
| weekly (7 day) average | mg/L | --- | 40 | --- | 11.8 | 12.5 | 12.8 | 12.4 | 12.6 | 12.2 | 12.7 | 12.3 | 12.7 | 12.6 | 12.0 | 12.4 | 12.4 |
| mass emission (7 day) average | lbs/d | --- | 8,300 | --- | 2443.7 | 2510.3 | 2626.3 | 2464.2 | 2537.8 | 2459.2 | 2683.4 | 2474.9 | 2625.2 | 2584.0 | 2461.6 | 2569.6 | 2536.7 |
| monthly (30 day) average | mg/L | 25 | --- | --- | 11.8 | 12.4 | 12.6 | 12.6 | 12.6 | 12.4 | 12.8 | 12.4 | 12.5 | 12.7 | 12.3 | 12.2 | 12.4 |
| mass emission (30 day) average | lbs/d | 5,200 | --- | --- | 2446.3 | 2515.7 | 2552.5 | 2558.8 | 2527.5 | 2449.0 | 432.8 | 2496.1 | 2592.6 | 2615.2 | 2511.8 | 2480.0 | 2348.2 |
| pH | pH | Within Limits of 6-9 | | | 7.22 | 7.20 | 7.21 | 7.10 | 7.19 | 7.10 | 7.13 | 7.18 | 7.24 | 7.19 | 7.12 | 7.20 | 7.17 |
| Temperature | C | | | | 18.0 | 18.9 | 18.2 | 19.5 | 20.1 | 22.0 | 25.3 | 24.8 | 24.6 | 22.5 | 20.8 | 17.9 | 21.0 |
| **COMPOSITE ANALYSES** | | Limitations | | | | | | | | | | | | | | | |
| | | 30-day | 7-day | Max | | | | | | | | | | | | | |
| Total Suspended Solids | mg/L | --- | --- | 50 | 96 | 100 | 102 | 92 | 89 | 85 | 84 | 83 | 80 | 78 | 73 | 85 | 87 |
| daily mass emission | lbs/d | --- | --- | 10,000 | 19676 | 20926 | 20654 | 18168 | 17856 | 17291 | 17303 | 16999 | 16360 | 15853 | 14949 | 17680 | 17810 |
| weekly (7 day) average | mg/L | --- | 45 | --- | 94 | 102 | 102 | 93 | 90 | 85 | 83 | 84 | 78 | 78 | 75 | 83 | 87 |
| mass emission (7 day) average | lbs/d | --- | 9,400 | --- | 19469 | 20397 | 20978 | 18588 | 17954 | 17110 | 17592 | 16843 | 16101 | 15988 | 15211 | 17266 | 17791 |
| monthly (30 day) average | mg/L | 30 | --- | --- | 94 | 99 | 101 | 98 | 90 | 86 | 84 | 83 | 81 | 77 | 77 | 79 | 87 |
| mass emission (30 day) average | lbs/d | 6,300 | --- | --- | 19494 | 20169 | 20659 | 20001 | 18041 | 16932 | 17967 | 16677 | 16815 | 15890 | 15642 | 15980 | 17856 |
| Volatile Suspended Solids | mg/L | --- | --- | --- | 79 | 86 | 86 | 78 | 79 | 73 | 72 | 72 | 67 | 67 | 62 | 72 | 74 |
| BOD | mg/L | --- | --- | --- | 136 | 140 | 145 | 139 | 135 | 131 | 133 | 131 | 125 | 127 | 120 | 127 | 132 |
| Soluble BOD | mg/L | --- | --- | --- | 103 | 107 | 107 | 103 | 98 | 96 | 96 | 97 | 91 | 91 | 87 | 96 | 98 |
| Carbonaceous BOD (CBOD) | mg/L | --- | --- | 45 | 119 | 121 | 125 | 120 | 115 | 114 | 115 | 114 | 108 | 109 | 104 | 112 | 115 |
| daily mass emission | lbs/d | --- | --- | 9,400 | 24256 | 25188 | 25193 | 23672 | 22930 | 23320 | 23674 | 23236 | 22340 | 22157 | 21316 | 23307 | 23382 |
| weekly (7 day) average | mg/L | --- | 40 | --- | 117 | 122 | 124 | 120 | 115 | 115 | 114 | 113 | 108 | 108 | 105 | 111 | 114 |
| mass emission (7 day) average | lbs/d | --- | 8,300 | --- | 24148 | 24417 | 25647 | 24048 | 23010 | 23126 | 24015 | 22770 | 22403 | 22208 | 21507 | 22926 | 23352 |
| monthly (30 day) average | mg/L | 25 | --- | --- | 114 | 120 | 123 | 123 | 117 | 114 | 113 | 113 | 112 | 108 | 107 | 107 | 114 |
| mass emission (30 day) average | lbs/d | 5,200 | --- | --- | 23720 | 24440 | 25104 | 25149 | 23355 | 22565 | 24184 | 22693 | 23194 | 22177 | 21802 | 21813 | 23350 |

## NPDES Data for the South Bay International WTP

## 2006 EFFLUENT TABS

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| | | 30-day | 7-day | Max | | | | | | | | | | | | | |
| Floatables | mg/L | --- | --- | --- | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 | 0.1 |
| Total Dissolved Solids | mg/L | --- | --- | --- | 1602 | 1598 | 1548 | 1581 | 1575 | 1576 | 1531 | 1562 | 1594 | 1553 | 1613 | 1562 | 1575 |
| Turbidity | NTU | --- | --- | 225 | 63.3 | 65.8 | 71.1 | 60.5 | 60.4 | 55.9 | 54.4 | 59.0 | 55.5 | 56.3 | 52.0 | 57.6 | 59.3 |
| weekly (7 day) average | mg/L | --- | 100 | --- | 61.1 | 65.7 | 71.1 | 60.5 | 60.4 | 55.9 | 54.6 | 59.0 | 55.5 | 56.3 | 52.0 | 57.6 | 59.1 |
| monthly (30 day) average | mg/L | 75 | --- | --- | 59.7 | 64.8 | 71.1 | 60.5 | 60.4 | 55.9 | 56.3 | 59.0 | 55.5 | 56.3 | 52.0 | 57.6 | 59.1 |
| C.O.D. Chemical Oxygen Demand | mg/L | --- | --- | --- | 467 | 466 | 400 | 446 | 389 | 423 | 376 | 383 | 387 | 367 | 317 | 316 | 395 |
| Total Solids | mg/L | --- | --- | --- | 2192 | 2251 | 2147 | 2093 | 2134 | 2098 | 2146 | 2148 | 2137 | 2194 | 2126 | 2110 | 2148 |
| Volatile Solids | mg/L | --- | --- | --- | 1142 | 1190 | 1110 | 1151 | 1133 | 1142 | 1152 | 1081 | 1083 | 1101 | 1102 | 1130 | 1126 |
| **TOXICITY** | | Limitations | | | | | | | | | | | | | | | |
| | | 30-day | 7-day | Max | | | | | | | | | | | | | |
| Acute Toxicity | TU'a | --- | --- | 2.5 | 4.7 | 7.3 | 4.6 | 9.5 | 8.2 | 12.4 | 12.6 | 10.9 | 8.6 | 5.7 | 10.5 | 5.4 | 8.4 |
| weekly (7 day) average | TU'a | --- | 2.0 | --- | 4.4 | 7.0 | 5.2 | 8.8 | 7.3 | 12.4 | 12.8 | 10.8 | 8.0 | 5.6 | 8.3 | 5.5 | 8.0 |
| monthly (30 day) average | TU'a | 1.5 | --- | --- | 6.0 | 5.9 | 6.4 | 5.3 | 7.2 | 10.3 | 11.7 | 11.0 | 10.5 | 5.9 | 8.3 | 6.6 | 7.9 |
| **CHRONIC TOXICITY** | | Limitations | | | | | | | | | | | | | | | |
| | | 6-mnth | Daily | Instant | | | | | | | | | | | | | |
| | TU'c | ---- | 100 | ---- | | | | | | | | | | | | | |
| GIANT KELP | | | | | | | | | | | | | | | | | |
| germination | TU'c | --- | 100 | --- | | | | | | | | | | | | | |
| germ Tube Length | TU'c | --- | 100 | --- | | | | | | | | | | | | | |
| RED ABALONE | | | | | | | | | | | | | | | | | |
| development | TU'c | --- | 100 | --- | 400.0 | 200 | 200 | 133 | 175 | 113 | 113 | 250 | 140 | 100 | 200 | 100 | 177 |
| TOPSMELT | | | | | | | | | | | | | | | | | |
| survival | TU'c | --- | 100 | --- | | | | | | | | | | | | | |
| growth | TU'c | --- | 100 | --- | | | | | | | | | | | | | |
| **METALS AND CYANIDE** | | Limitations | | | | | | | | | | | | | | | |
| | | 6-Mnth | Daily | 30-day | | | | | | | | | | | | | |
| Antimony | mg/L | --- | --- | 120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.006 | 0.000 | 0.000 | 0.001 |
| | lbs/d | | | | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 1.139 | 0.000 | 0.000 | 0.095 |
| Beryllium | ug/L | --- | --- | 3.3 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | lbs/d | --- | --- | 0.690 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Thallium | mg/L | --- | --- | 1.4 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| | lbs/d | --- | --- | 290 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | Limitations | | | | | | | | | | | | | | | |
| | | 6-Mnth | Daily | Instant | | | | | | | | | | | | | |
| Arsenic | mg/L | 0.51 | 2.9 | 7.8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.0000 |
| | lbs/d | 110 | 600 | 1,600 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.0000 |
| Cadmium | mg/L | 0.10 | 0.40 | 1.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/d | 21 | 83 | 210 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Chromium (total) | mg/L | 0.20 | 0.81 | 2.0 | 0.0000 | 0.0100 | 0.0000 | 0.0100 | 0.0000 | 0.0000 | 0.0000 | 0.0100 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0025 |
| | lbs/d | 42 | 170 | 420 | 0.00 | 1.43 | 0.42 | 2.15 | 0.00 | 0.01 | 0.01 | 1.04 | 0.00 | 0.27 | 0.00 | 0.00 | 0.44 |

## NPDES Data for the South Bay International WTP

## 2006 EFFLUENT TABS

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| Copper | mg/L | 0.10 | 1.0 | 2.8 | 0.04 | 0.05 | 0.05 | 0.04 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 | 0.03 |
| | lbs/d | 21 | 210 | 580 | 8.24 | 10.46 | 11.56 | 8.10 | 4.66 | 6.58 | 4.03 | 3.84 | 3.15 | 6.61 | 5.66 | 7.11 | 6.67 |
| Iron | mg/L | --- | --- | --- | 3.63 | 4.18 | 3.18 | 3.90 | 2.43 | 2.88 | 2.72 | 2.28 | 2.04 | 2.71 | 1.83 | 3.64 | 2.95 |
| Lead | mg/L | 0.20 | 0.81 | 2.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.001 |
| | lbs/d | 42 | 170 | 420 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 2.44 | 0.00 | 0.00 | 0.20 |
| Mercury | ug/L | 4.0 | 16 | 40 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| | lbs/d | 0.83 | 3.3 | 8.3 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| Nickel | mg/L | 0.51 | 2.0 | 5.1 | 0.023 | 0.022 | 0.000 | 0.000 | 0.000 | 0.000 | 0.020 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 |
| | lbs/d | 100 | 420 | 1,000 | 4.63 | 4.40 | 5.78 | 4.43 | 2.50 | 0.10 | 3.80 | 3.87 | 2.76 | 5.79 | 0.00 | 0.00 | 3.17 |
| Selenium | mg/L | 1.5 | 6.1 | 15 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/d | 310 | 1,300 | 3,100 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Silver | mg/L | 0.055 | 0.27 | 0.69 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | lbs/d | 11 | 56 | 140 | 0.16 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.01 |
| Zinc | mg/L | 1.2 | 7.3 | 19 | 0.080 | 0.090 | 0.130 | 0.090 | 0.060 | 0.060 | 0.090 | 0.070 | 0.080 | 0.110 | 0.090 | 0.110 | 0.088 |
| | lbs/d | 250 | 1,500 | 4,000 | 15.87 | 17.08 | 28.06 | 18.40 | 11.60 | 12.37 | 20.26 | 14.37 | 15.61 | 22.25 | 18.65 | 22.89 | 18.12 |
| Cyanide | mg/L | 0.10 | 0.40 | 1.0 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.00 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 | 0.02 |
| | lbs/d | 21 | 83 | 210 | 4.11 | 3.99 | 4.53 | 4.09 | 4.15 | 3.97 | 4.58 | 4.08 | 4.09 | 3.97 | 4.07 | 4.09 | 4.14 |
| Total chlorine residual | mg/L | 0.20 | 0.81 | 6.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| | lbs/d | 42 | 170 | 1,300 | 20.51 | 20.87 | 20.12 | 19.75 | 19.99 | 20.47 | 22.50 | 20.44 | 20.61 | 20.42 | 20.42 | 20.85 | 20.58 |
| Ammonia-N | mg/L | 61 | 240 | 610 | 48.6 | 50.4 | 55.9 | 56.8 | 61.5 | 50.4 | 52.5 | 55.0 | 51.3 | 54.9 | 52.8 | 54.0 | 53.7 |
| | lbs/d | 13,000 | 50,000 | 130,000 | 10029.5 | 10037.0 | 12593.2 | 11574.0 | 12745.6 | 10011.0 | 12005.0 | 11258.0 | 10494.5 | 10891.1 | 10767.0 | 10925.0 | 11110.9 |
| RADIOACTIVITY | | Limitations | | | | | | | | | | | | | | | |
| | | See Cal. code of Reg. Title 17, | | | | | | | | | | | | | | | |
| Alpha Radiation | pc/L | Division 1,Chapter 5, Subchapter 4, | | | 2.70+/-1.53 | 2.64+/-1.65 | 2.84+/-1.53 | 2.48+/-1.46 | 3.92+/-1.84 | 2.64+/-1.42 | 2.00+/-1.27 | 2.01+/-1.12 | 1.60+/-1.27 | 0.90+/-1.24 | 2.85+/-1.28 | 4.85+/-1.84 | |
| Beta Radiation | pc/L | Group 3, Article 3, Section 32069 | | | 11.6+/-3.29 | 9.77+/-2.97 | 14.9+/-3.40 | 16.1+/-3.85 | 14.8+/-3.58 | 16.9+/-3.72 | 17.8+/-3.85 | 16.6+/-3.07 | 17.1+/-4.44 | 12.1+/-4.20 | 12.7+/-3.81 | 12.5+/-3.53 | |
| CHLORINATED PESTICIDES | | Limitations | | | | | | | | | | | | | | | |
| | | 6-Mnth | Daily | Instant | | | | | | | | | | | | | |
| Aldrin | ng/L | --- | --- | 2.2 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/d | --- | --- | 0.00046 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Dieldrin | ng/L | --- | --- | 4.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/d | --- | --- | 0.00083 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| HEXACHLOROCYCLOHEXANE'S | | Limitations | | | | | | | | | | | | | | | |
| | | 6-Mnth | Daily | Instant | | | | | | | | | | | | | |
| alpha-BHC | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| beta-BHC | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| gamma-BHC (Lindane) | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| delta-BHC | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **TOTAL HCH** | ug/L | 0.40 | 0.81 | 1.20 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **MASS EMISSION LBS/DAY** | lbs/d | 0.083 | 0.17 | 0.25 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| DDT's | | Limitations | | | | | | | | | | | | | | | |
| | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| p,p'-DDD | ng/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| p,p'-DDE | ng/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| p,p'-DDT | ng/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o,p-DDD | ng/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o,p-DDE | ng/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| o,p-DDT | ng/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **TOTAL DDT's** | ng/L | --- | --- | 17 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | --- | 0.0035 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |



8/2/2007

## NPDES Data for the South Bay International WTP

## 2006 EFFLUENT TABS

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| | | Limitations | | | | | | | | | | | | | | | |
| HEPTACHLOR | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| Heptachlor | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Heptachlor epoxide | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TOTAL HEPTACHLOR** | ng/L | --- | --- | 73 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | --- | 0.015 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| CHLORDANE | | | | | | | | | | | | | | | | | |
| Alpha (cis) Chlordane | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gamma (trans) Chlordane | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Alpha (cis) Chlordane | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Gamma (trans) Chlordane | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Oxychlordane | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| trans Nonachlor | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| cis Nonachlor | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TOTAL CHLORDANE** | ng/L | --- | --- | 2.3 | 0.0 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | --- | 0.00048 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | Limitations | | | | | | | | | | | | | | | |
| ENDOSULFAN | | 6-Mnth | Daily | Instant | | | | | | | | | | | | | |
| Alpha Endosulfan | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Beta Endosulfan | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Endosulfan Sulfate | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| **TOTAL ENDOSULFAN** | ug/L | 0.91 | 1.8 | 2.7 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| ***MASS EMISSION LBS/DAY*** | *lbs/d* | *0.19* | *0.38* | *0.56* | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| OTHER MISC. CHLORINATED PESTICIDES | | | | | | | | | | | | | | | | | |
| Endrin | ug/L | 0.20 | 0.40 | 0.61 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | lbs/d | 0.042 | 0.083 | 0.13 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| | | Limitations | | | | | | | | | | | | | | | |
| | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| Endrin aldehyde | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Mirex | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Methoxychlor | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Toxaphene | ng/L | --- | --- | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB's | | | | | | | | | | | | | | | | | |
| PCB 1016 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1221 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1232 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1242 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1248 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1254 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1260 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| PCB 1262 | ng/L | --- | --- | --- | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| **TOTAL PCB's** | ng/L | --- | --- | 1.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | --- | 0.0004 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |



8/2/2007

## NPDES Data for the South Bay International WTP

## 2006 EFFLUENT TABS

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| EPA METHOD 605 | | | | | | | | | | | | | | | | | |
| benzidine | ng/L | --- | --- | 7 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| 3,3-dichlorobenzidine | ug/L | --- | --- | 0.82 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| TRIBUTYL TIN ANALYSIS | | | | | | | | | | | | | | | | | |
| tributyl tin | ug/L | --- | --- | 0.14 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| dibutyl tin | ug/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| monobutyl tin | ug/L | --- | --- | --- | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| BASE/NEUTRAL COMPOUNDS (EPA 625) | | Limitations | | | | | | | | | | | | | | | |
| | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| bis(2-chloroethyl) ether | ug/L | --- | --- | 4.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.00 |
| DICHLOROBENZENE | | | | | | | | | | | | | | | | | |
| metadichlorobenzene | g/L | --- | --- | --- | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| orthodichlorobenzene | g/L | --- | --- | --- | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| **TOTAL DICHLOROBENZENE** | g/L | --- | --- | 0.52 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | | 110,000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 |
| | | | | | | | | | | | | | | | | | |
| paradichlorobenzene (1,4-dichlorobenzene) | mg/L | --- | --- | 1.8 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| bis-(2-chloroisopropyl) ether | mg/L | --- | --- | 120 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| N-nitrosodi-n-propylamine | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| nitrobenzene | mg/L | --- | --- | 0.49 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| hexachloroethane | ug/L | --- | --- | 250 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| isophorone | g/L | --- | --- | 15 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| bis(2-chloroethoxy)methane | mg/L | --- | --- | 0.44 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 1,2,4-trichlorobenzene | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| naphthalene | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| hexachlorobutadiene | mg/L | --- | --- | 1.4 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| hexachlorocyclopentadiene | mg/L | --- | --- | 5.9 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| acenaphthylene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| dimethyl phthalate | g/L | --- | --- | 83 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000006 | 0.000001 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000001 |
| 2,6-dinitrotoluene | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| acenaphthene | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2,4-dinitrotoluene | ug/L | --- | --- | 260 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| fluorene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4-chlorophenyl phenyl ether | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| diethyl phthalate | g/L | --- | --- | 3.3 | 0.000001 | 0.000000 | 0.000038 | 0.000045 | 0.000024 | 0.000000 | 0.000000 | 0.000000 | 0.000019 | 0.000016 | 0.000015 | 0.000015 | 0.000014 |
| N-nitrosodiphenylamine | ug/L | --- | --- | 250 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| 4-bromophenyl phenyl ether | ug/L | --- | --- | --- | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| hexachlorobenzene | ng/L | --- | --- | 21 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| phenanthrene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| anthracene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| di-n-butyl phthalate | mg/L | --- | --- | 350 | 0.000 | 0.018 | 0.010 | 0.000 | 0.013 | 0.000 | 0.000 | 0.000 | 0.005 | 0.007 | 0.000 | 0.000 | 0.004 |
| N-nitrosodimethylamine | mg/L | --- | --- | 0.74 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| fluoranthene | mg/L | --- | --- | 1.5 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| pyrene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| butyl benzyl phthalate | ug/L | --- | --- | --- | 0.000 | 4.100 | 8.400 | 2.500 | 1.600 | 1.100 | 0.000 | 0.000 | 6.000 | 1.000 | 0.000 | 0.000 | 2.058 |
| chrysene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| benzo(A)anthracene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| bis-(2-ethylhexyl) phthalate | mg/L | --- | --- | 350 | 0.000 | 120.000 | 90.000 | 0.000 | 35.000 | 0.000 | 0.000 | 0.000 | 19.000 | 11.000 | 0.000 | 0.000 | 22.917 |
| di-n-octyl phthalate | ug/L | --- | --- | --- | 0.000 | 9.900 | 16.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 2.000 | 0.000 | 0.000 | 0.000 | 2.325 |
| benzo (K) fluoranthene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 3,4-benzo (B) fluoranthene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| benzo (A) pyrene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| dibenzo (A,H) anthracene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| benzo (G,H,I) perylene pah | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 1,2-diphenylhydrazine | ug/L | --- | --- | 16 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **TOTAL PAH'S** | ug/L | --- | --- | 0.89 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | --- | 0.19 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

## NPDES Data for the South Bay International WTP

## 2006 EFFLUENT TABS

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| CHLORINATED PHENOLS | | Limitations | | | | | | | | | | | | | | | |
| | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| 2-chlorophenol | mg/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2,4-dichlorophenol | mg/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4-cholor-3-methylphenol | mg/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2,4,6-trichlorophenol | ug/L | --- | --- | 29 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| pentachlorophenol | mg/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | 6-Mnth | Daily | Instant | | | | | | | | | | | | | |
| **TOTAL CHLORINATED PHENOLIC COMP** | 5 ug/ | 0.10 | 0.40 | 1.00 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **MASS EMISSION LBS/DAY** | lbs/d | 21 | 83 | 210 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| NON-CHLORINATED PHENOLS | | | | | | | | | | | | | | | | | |
| phenol | ug/L | --- | --- | --- | 8.550 | 11.700 | 10.100 | 13.050 | 5.125 | 2.933 | 2.730 | 5.425 | 1.450 | 3.160 | 2.660 | 1.550 | 5.703 |
| 2-nitrophenol | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2,4-dimethylphenol | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2,4-dinitrophenol | ug/L | --- | --- | 0.40 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 4-nitrophenol | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 2-methyl-4,6-dinitrophenol | mg/L | --- | --- | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| | | 6-Mnth | Daily | Instant | | | | | | | | | | | | | |
| **TOTAL NON-CHLORINATED PHENOLIC** | mg/L | 3.0 | 12 | 30 | 0.0090 | 0.0120 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0018 |
| **MASS EMISSION LBS/DAY** | lbs/d | 630 | 2,500 | 6,300 | 1.627 | 2.286 | 0.000 | 0.000 | 0.000 | 0.000 | 0.590 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.375 |
| HALOMETHANE PURGEABLE COMPOUNDS (EPA 624) (VOC's) | | Limitations | | | | | | | | | | | | | | | |
| | | --- | --- | 30-day | | | | | | | | | | | | | |
| chloromethane (hal) | mg/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| bromomethane (hal) | mg/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| vinyl chloride (hal) | mg/L | --- | --- | 3.6 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| chloroethene | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 1,1-dichloroethene (1,1-dichloroethlyene) | g/L | --- | --- | 72 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| trichlorofluoromethane | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| methlyene chloride (dichloromethane) | mg/L | --- | --- | 45 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00000 |
| 1,1-dichloroethane | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| trans-1,2-dichloroethene | ug/L | --- | --- | --- | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| chloroform | mg/L | --- | --- | 13 | 0.0100 | 0.0045 | 0.0060 | 0.0130 | 0.0050 | 0.0040 | 0.0000 | 0.0000 | 0.0000 | 0.0060 | 0.0080 | 0.0070 | 0.0053 |
| 1,2-dichloroethane | mg/L | --- | --- | 13 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 |
| 1,1,1-trichloroethane | g/L | --- | --- | 54 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| carbon tetrachloride | ug/L | --- | --- | 0.91 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| DCBM-bromodichloromethane (hal) | mg/L | --- | --- | | 0.0038 | 0.0016 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0005 |
| 1,2-dichloropropane | ug/L | --- | --- | | NA | NA | NA | NA | NA | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| trans-1,3-dichloropropene | mg/L | --- | --- | 0.90 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| trichloroethene (trichloroethlyene) | mg/L | --- | --- | 2.7 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| benzene | mg/L | --- | --- | 0.60 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| dibromochloromethane (hal) | ug/L | --- | --- | | 5.2000 | 1.6000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.5667 |
| 1,1,2-trichloroethane | g/L | --- | --- | 4.3 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| cis-1,3-dichloropropene | ug/L | --- | --- | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 2-chloroethylvinyl ether | ug/L | --- | --- | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| bromoform (hal) | mg/L | --- | --- | | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 1,1,2,2-tetrachloroethane | mg/L | --- | --- | 120 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| tetrachloroethene (tetrachloroethlyene) | mg/L | --- | --- | 1.0 | 0.0000 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |
| toluene | g/L | --- | --- | 8.6 | 0.000002 | 0.000007 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000000 | 0.000001 |
| chlorobenzene | mg/L | --- | --- | 58 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| ethylbenzene | mg/L | --- | --- | 400 | 0.0000 | 0.0000 | 0.0010 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0001 |
| 2-butanone (MEK) | ug/L | --- | --- | --- | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| carbon disulfide | mg/L | --- | --- | --- | 0.0000 | 0.0000 | 0.0020 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.00017 |
| **TOTAL HALOMETHANE PURGEABLE CO** | mg/L | --- | --- | 13 | 0.0090000 | 0.0032000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0000000 | 0.0010167 |
| **MASS EMISSION LBS/DAY** | lbs/d | --- | --- | 2,700 | 1.7000 | 0.7000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.2000 |

## NPDES Data for the South Bay International WTP

## 2006 EFFLUENT TABS

| EFFLUENT NPDES | Units | Limitations | | | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC | 2006 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | Average | AVERAGE |
| EPA METHOD 624 | | Limitations | | | | | | | | | | | | | | | |
| | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| acrylonitrile | ug/L | --- | --- | 10 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| acrolein | ug/L | --- | --- | 22 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| TCDD EQUIVALENTS | | Limitations | | | | | | | | | | | | | | | |
| | | Daily | 7-day | 30-day | | | | | | | | | | | | | |
| 2,3,7,8-tetra CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8-penta CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,7,8-hexa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,6,7,8-hexa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8,9-hexa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,6,7,8-hepta CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| octa CDD | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2,3,7,8-tetra CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8-penta CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2,3,4,7,8-penta CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,7,8-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,6,7,8-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,7,8,9-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 2,3,4,6,7,8-hexa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,6,7,8-hepta CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| 1,2,3,4,7,8,9-hepta CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| octa CDF | pg/L | | | | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| **TOTAL TCDD** | pg/L | | | 0.3900 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| **Mass Emission lbs/day** | lbs/d | | | 0.000000081 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 | 0.000000000 |

0 = not detected: NS = not sampled
NA = not analyzed



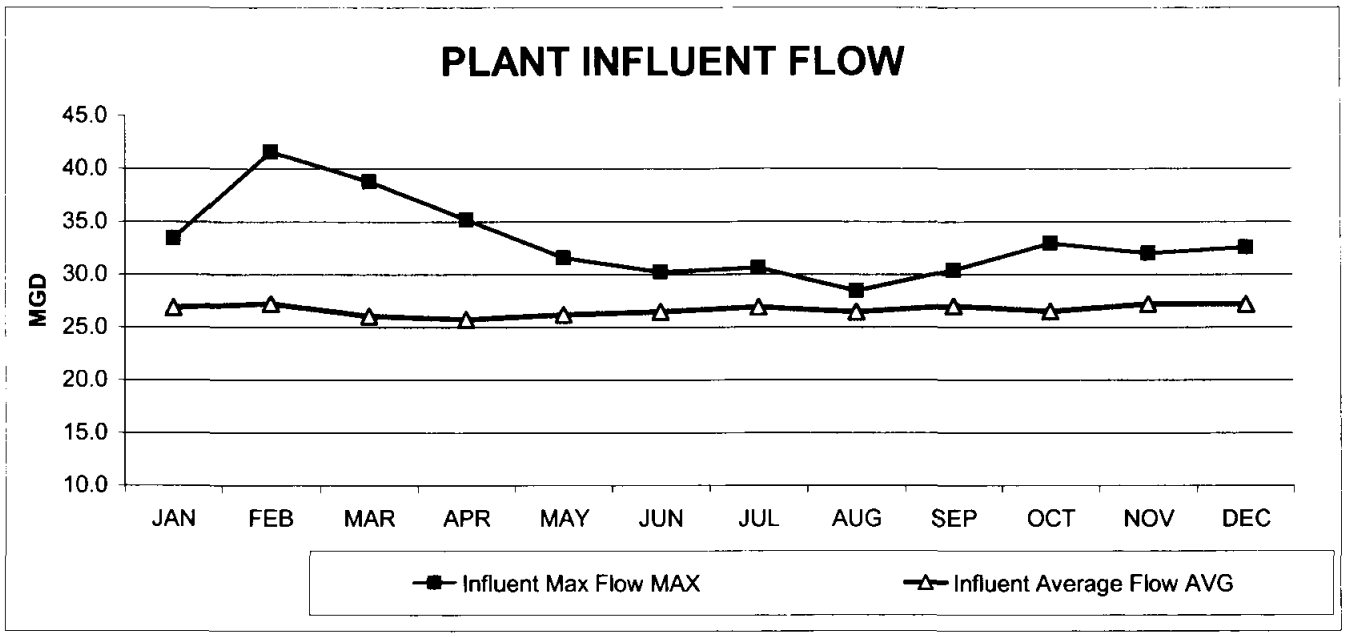
8/2/2007

# INFLUENT GRAPHS

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

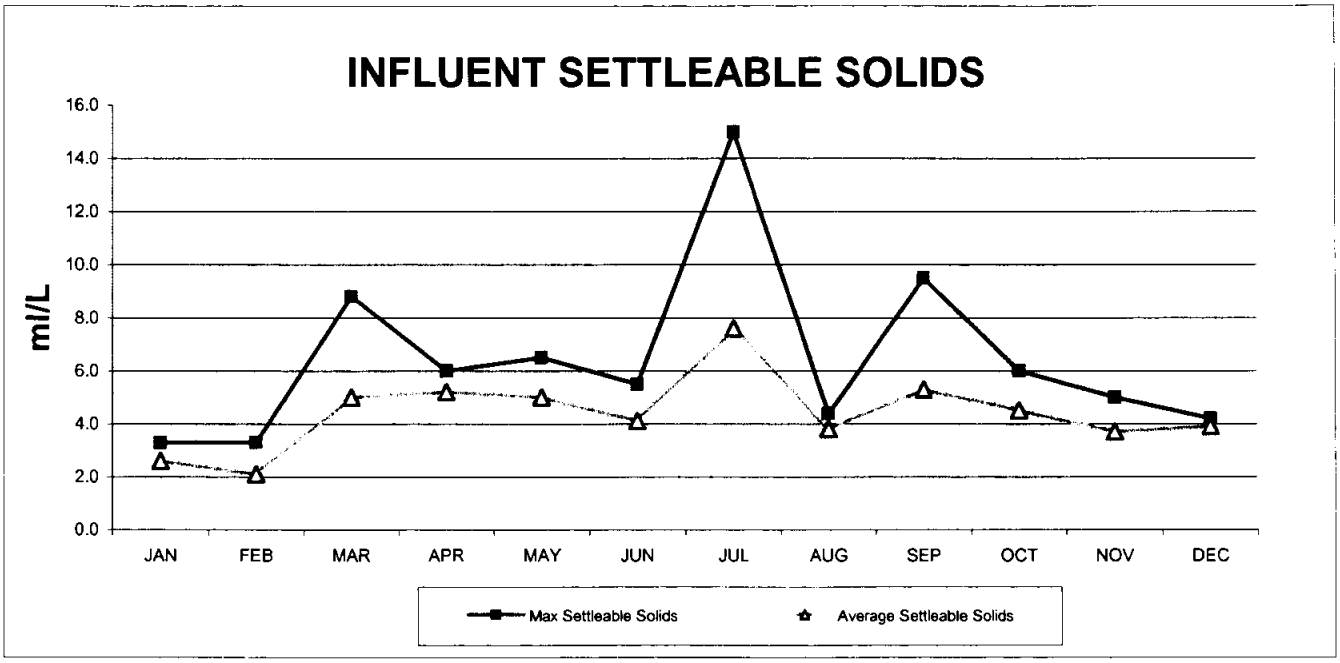



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| MAX | 33.43 | 41.60 | 38.80 | 35.16 | 31.58 | 30.21 | 30.64 | 28.44 | 30.43 | 32.97 | 32.00 | 32.58 |
| AVG | 26.87 | 27.25 | 26.06 | 25.73 | 26.17 | 26.47 | 26.91 | 26.45 | 26.99 | 26.52 | 27.17 | 27.18 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

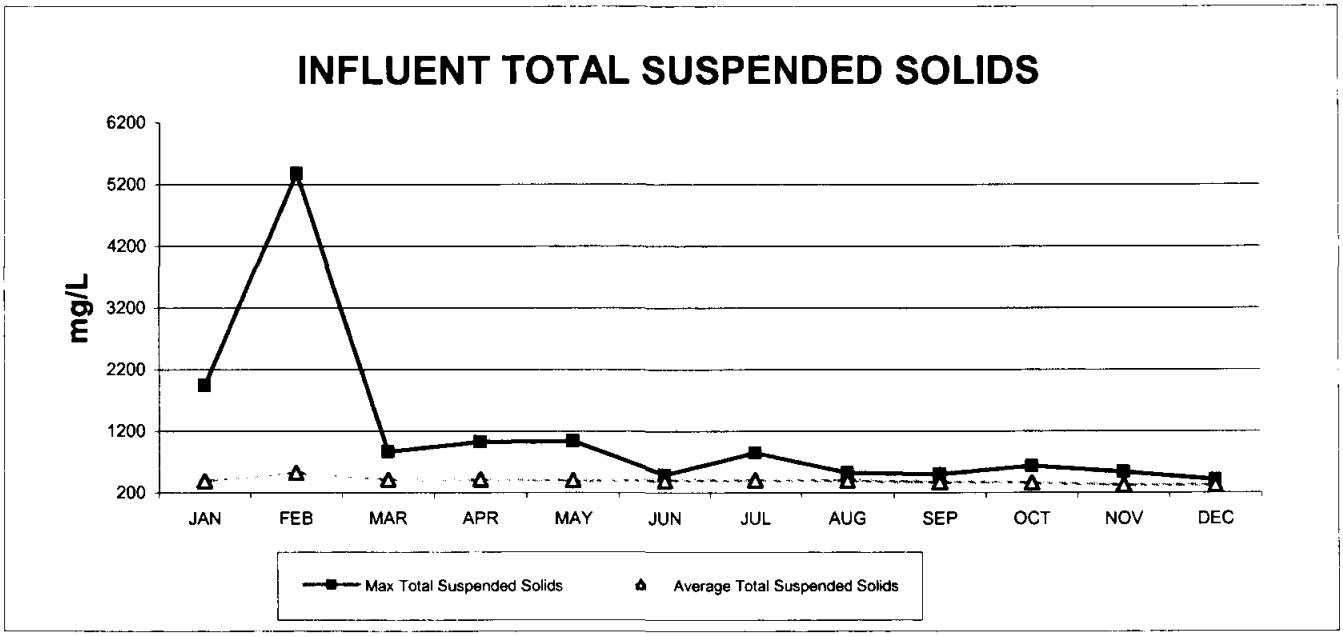



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| Max | 3.3 | 3.3 | 8.8 | 6.0 | 6.5 | 5.5 | 15.0 | 4.4 | 9.5 | 6.0 | 5.0 | 4.2 |
| Average | 2.6 | 2.1 | 5.0 | 5.2 | 5.0 | 4.1 | 7.6 | 3.8 | 5.3 | 4.5 | 3.7 | 3.9 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

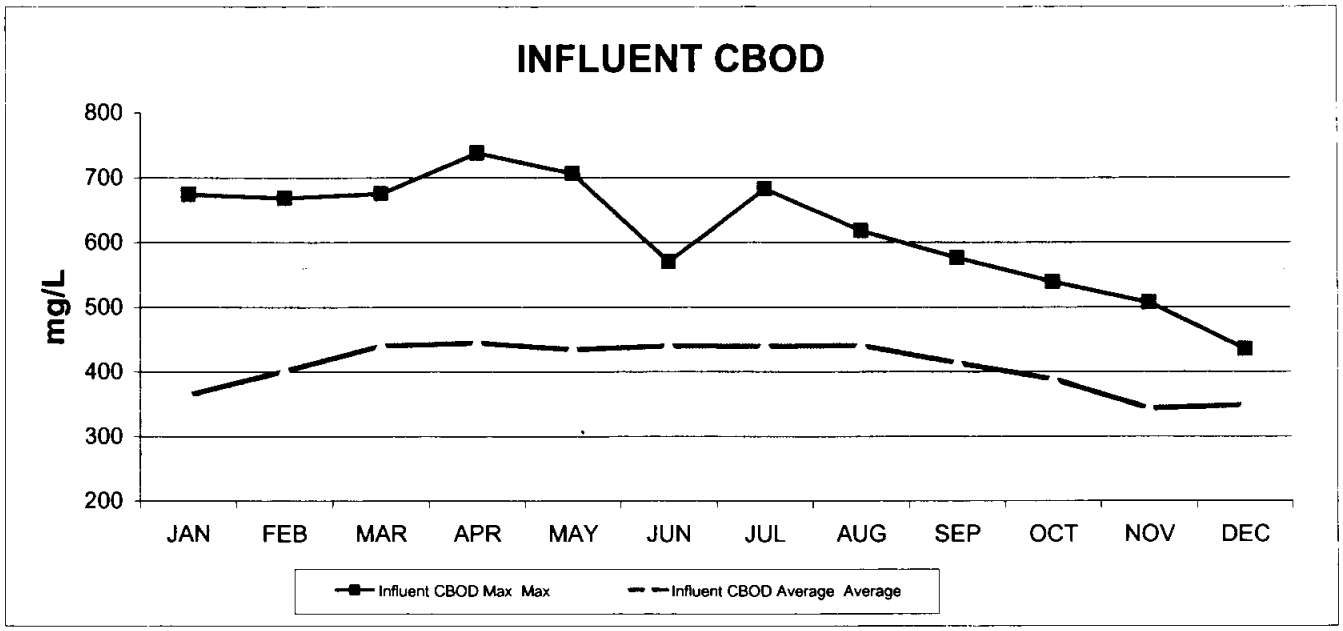



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| Max | 1941 | 5380 | 861 | 1026 | 1041 | 491 | 849 | 527 | 502 | 634 | 538 | 413 |
| Average | 387 | 526 | 407 | 413 | 405 | 394 | 400 | 396 | 364 | 361 | 318 | 326 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

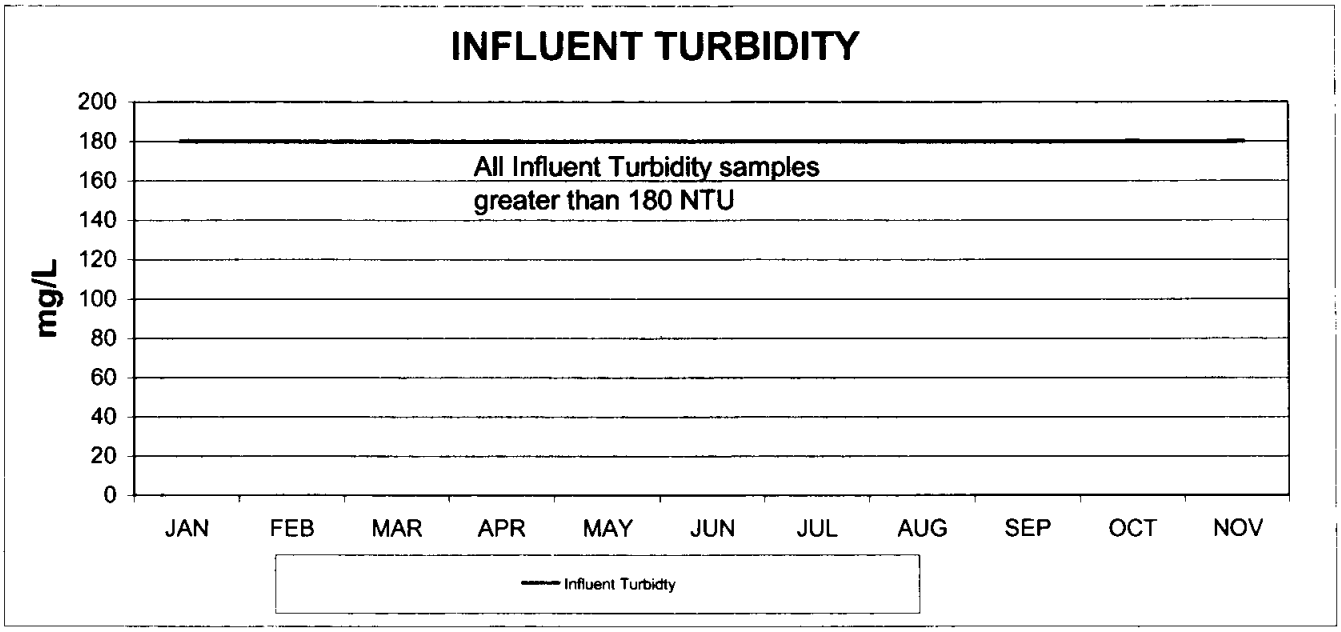



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | | | | | | |
| Max | 674 | 668 | 675 | 738 | 706 | 570 | 682 | 618 | 576 | 539 | 507 | 435 |
| Average | 364 | 401 | 440 | 444 | 434 | 440 | 439 | 441 | 413 | 388 | 343 | 348 |

# International Boundary and Water Commission

# South Bay International WTP

# 2006 Annual NPDES Report

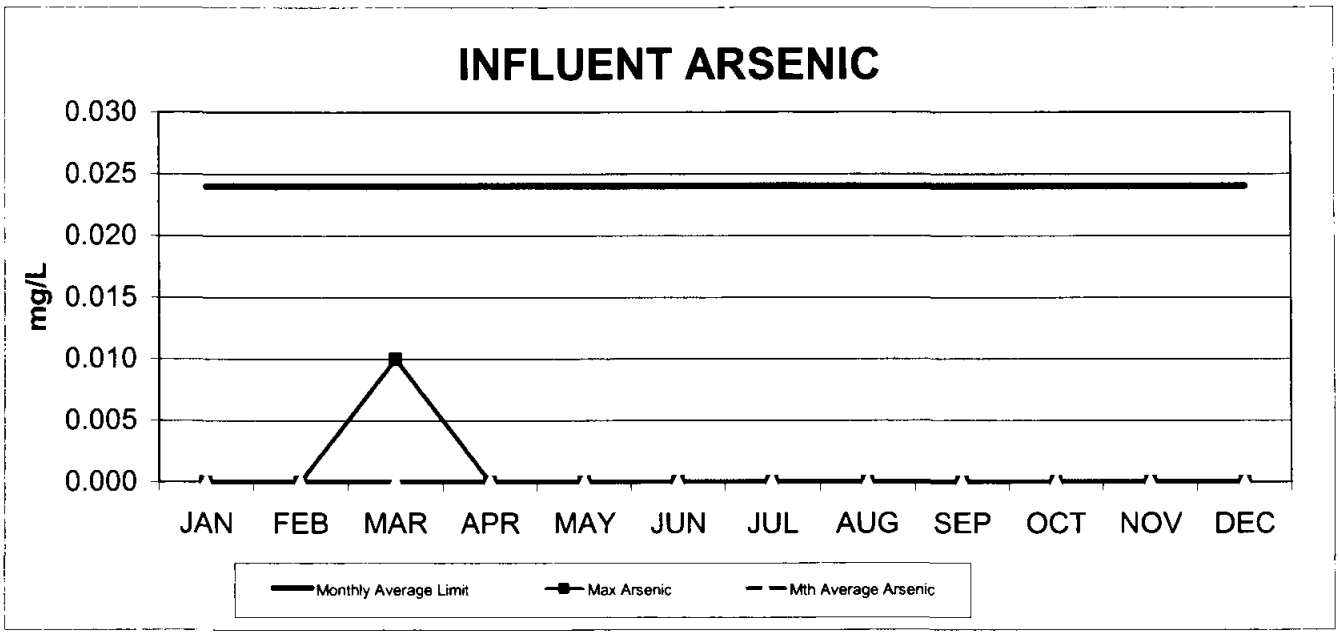



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Max | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 |
| Average | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 | >180 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

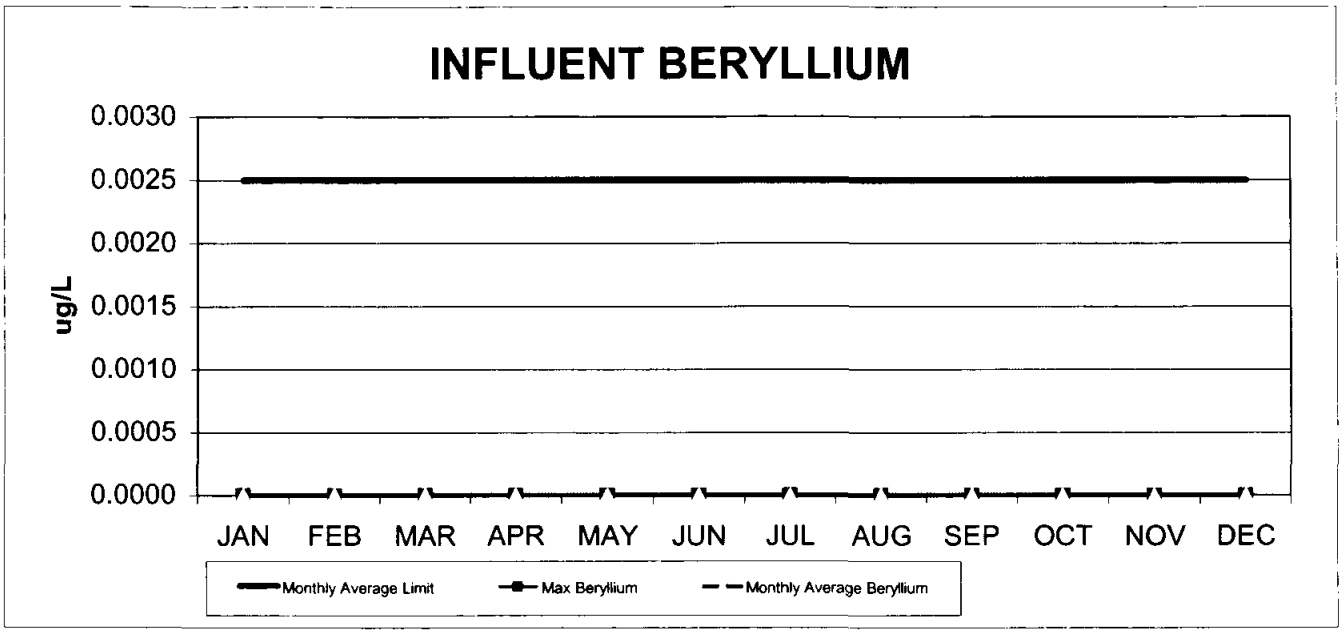



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Mthly | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 | 0.024 |
| Max | 0.000 | 0.000 | 0.010 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Average | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

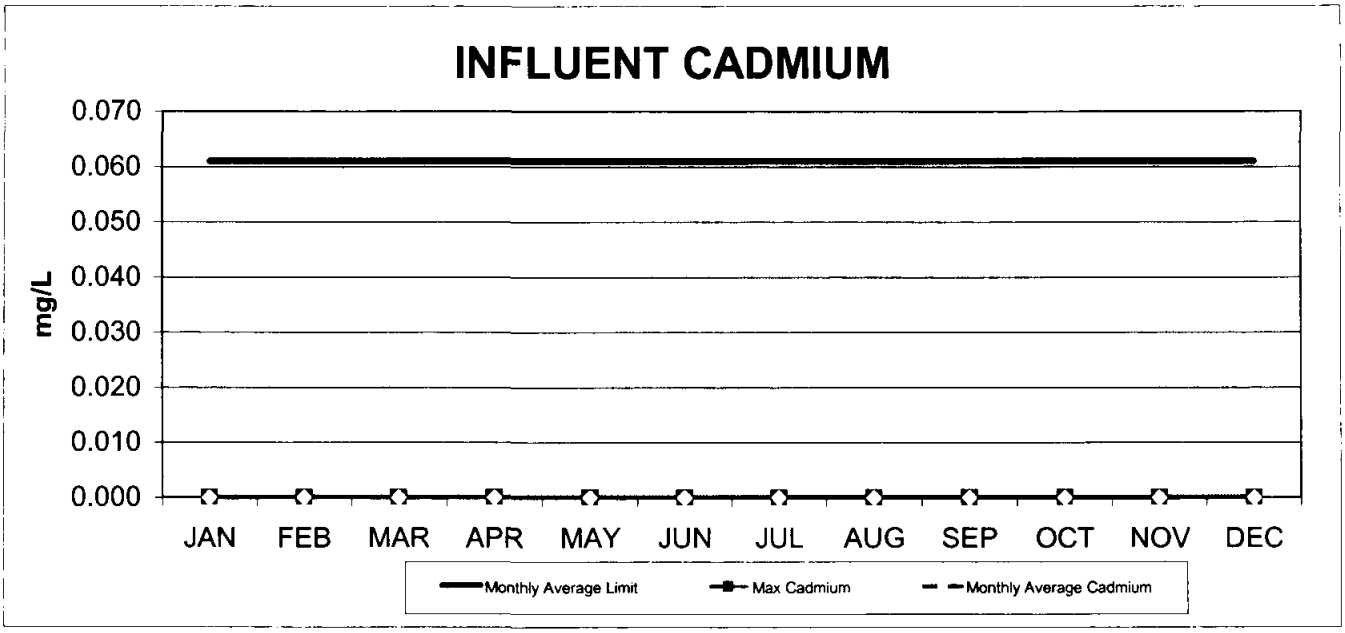



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Mthly | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 | 0.0025 |
| Max | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Average | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

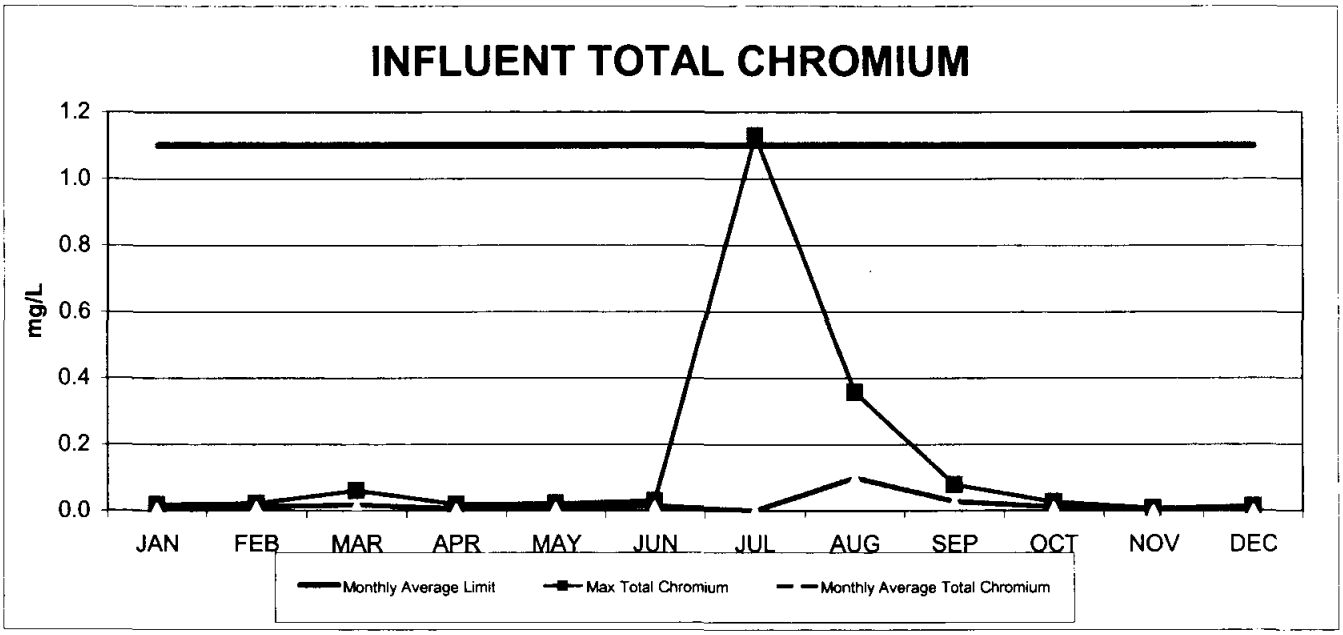



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Mthly | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 | 0.061 |
| Max | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Average | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

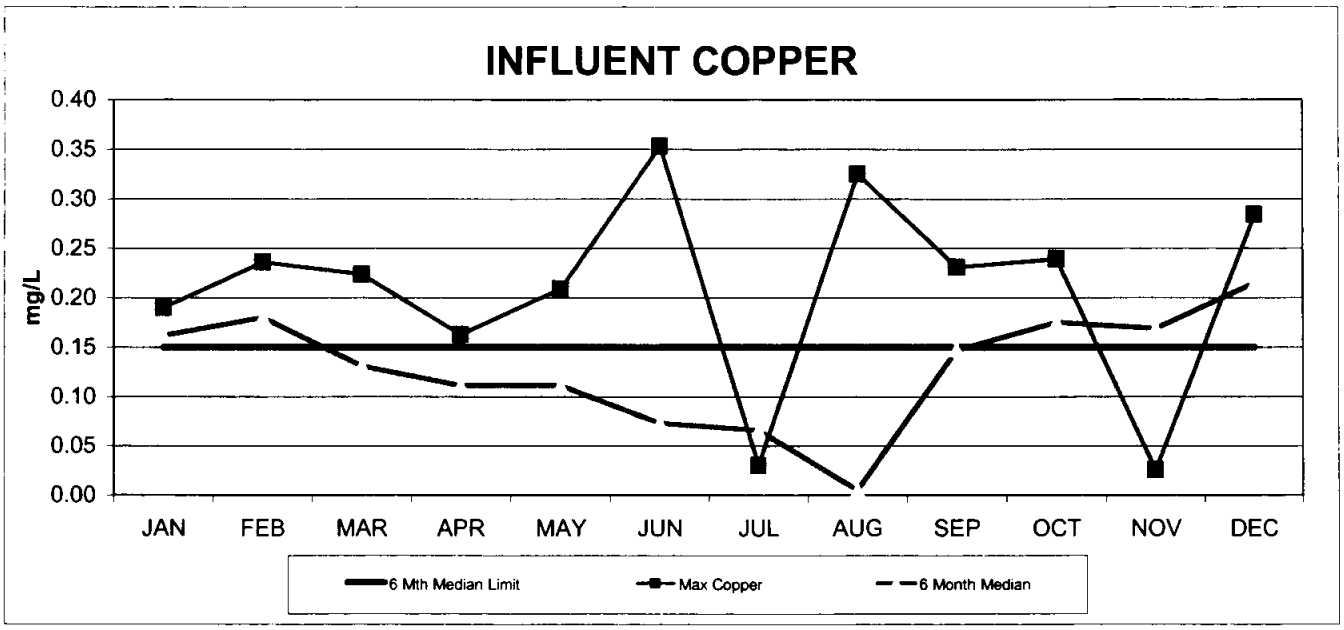



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Mthly | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| Max | 0.018 | 0.022 | 0.061 | 0.019 | 0.022 | 0.030 | 1.130 | 0.357 | 0.079 | 0.027 | 0.008 | 0.014 |
| Average | 0.008 | 0.012 | 0.017 | 0.006 | 0.010 | 0.013 | 0.000 | 0.099 | 0.028 | 0.012 | 0.002 | 0.004 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

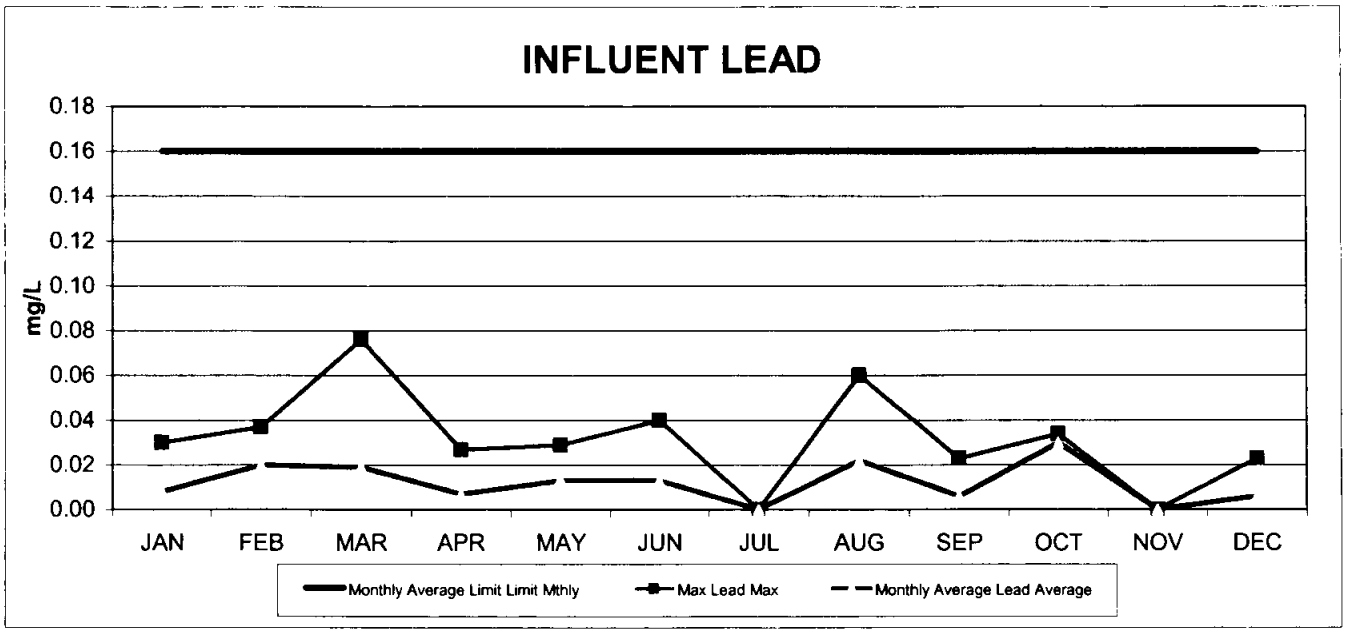



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 Mth Limit | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 | 0.15 |
| Max | 0.190 | 0.236 | 0.224 | 0.163 | 0.209 | 0.353 | 0.030 | 0.325 | 0.231 | 0.239 | 0.026 | 0.284 |
| Median | 0.162 | 0.180 | 0.131 | 0.111 | 0.111 | 0.073 | 0.066 | 0.005 | 0.147 | 0.175 | 0.169 | 0.215 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

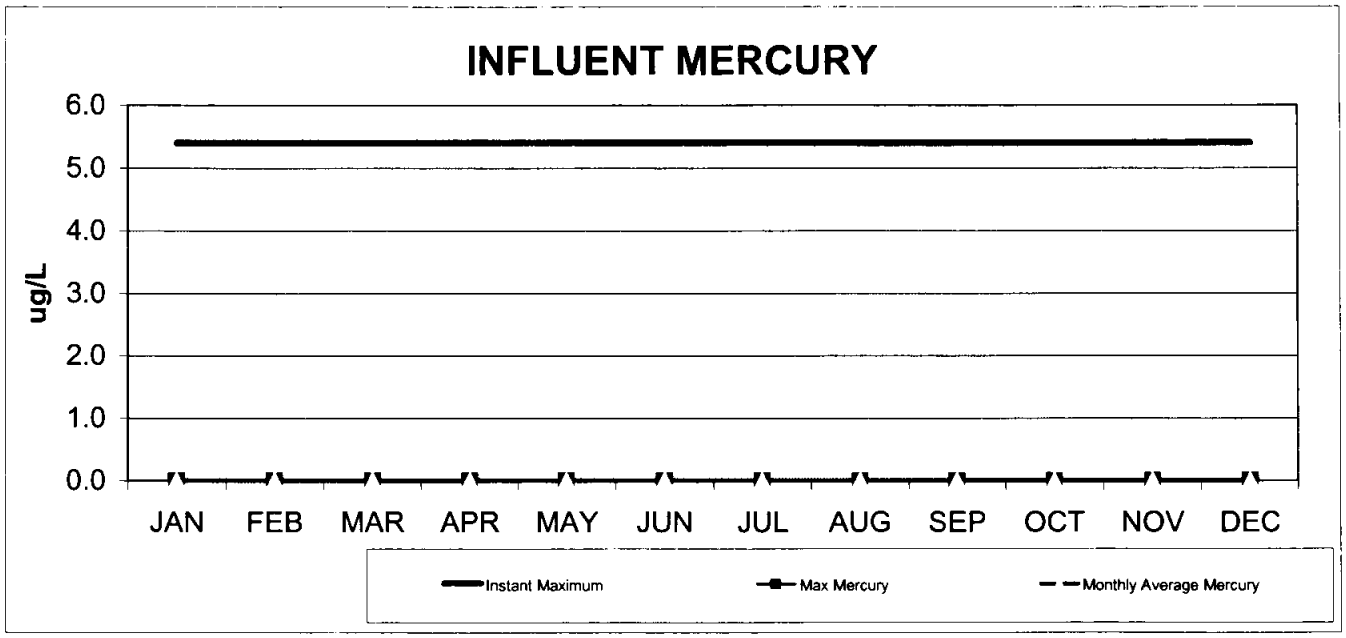



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Mthly | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 | 0.16 |
| Max | 0.030 | 0.037 | 0.076 | 0.027 | 0.029 | 0.040 | 0.000 | 0.060 | 0.023 | 0.034 | 0.000 | 0.023 |
| Average | 0.008 | 0.020 | 0.019 | 0.007 | 0.013 | 0.013 | 0.000 | 0.022 | 0.006 | 0.030 | 0.000 | 0.006 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

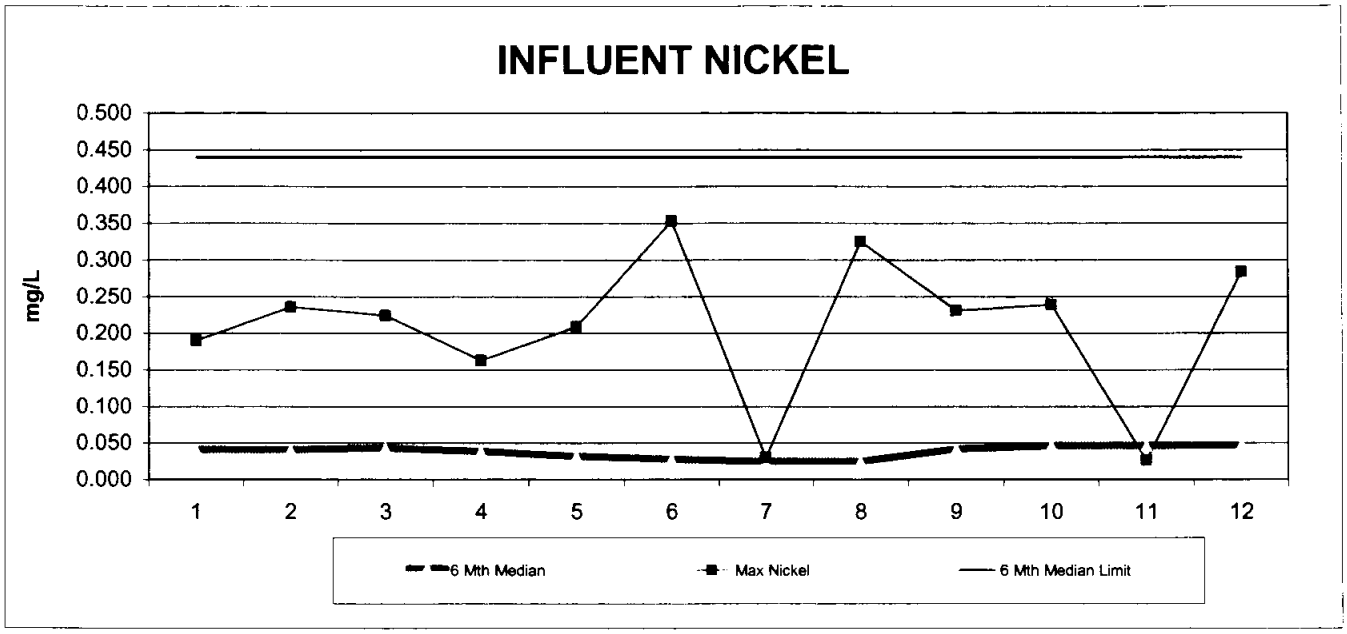



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Max | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 | 5.4 |
| Max | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |
| Average | 0.00018 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 | 0.00000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

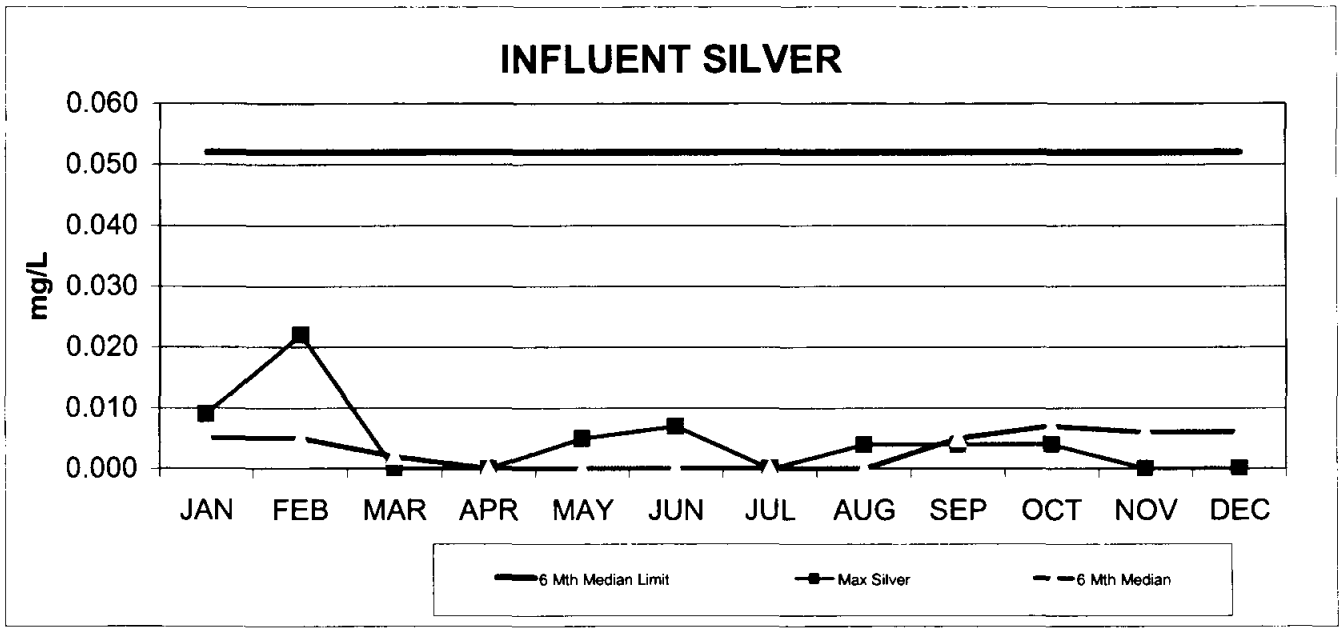



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 Mth Limit | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 | 0.44 |
| Max | 0.190 | 0.236 | 0.224 | 0.163 | 0.209 | 0.353 | 0.030 | 0.325 | 0.231 | 0.239 | 0.026 | 0.284 |
| 6 Mth Median | 0.041 | 0.041 | 0.043 | 0.039 | 0.032 | 0.028 | 0.025 | 0.025 | 0.042 | 0.046 | 0.046 | 0.047 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

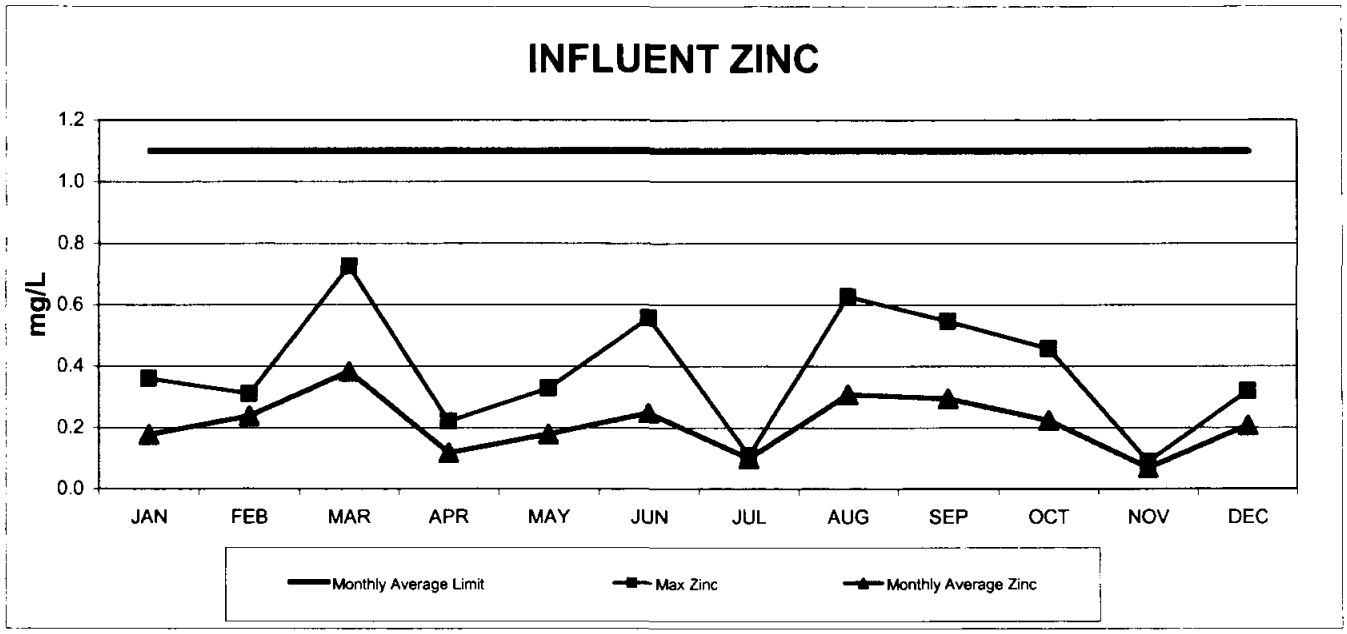



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 Mth Limit | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 | 0.052 |
| Max | 0.009 | 0.022 | 0.000 | 0.000 | 0.005 | 0.007 | 0.000 | 0.004 | 0.004 | 0.004 | 0.000 | 0.000 |
| Median | 0.005 | 0.005 | 0.002 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.005 | 0.007 | 0.006 | 0.006 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

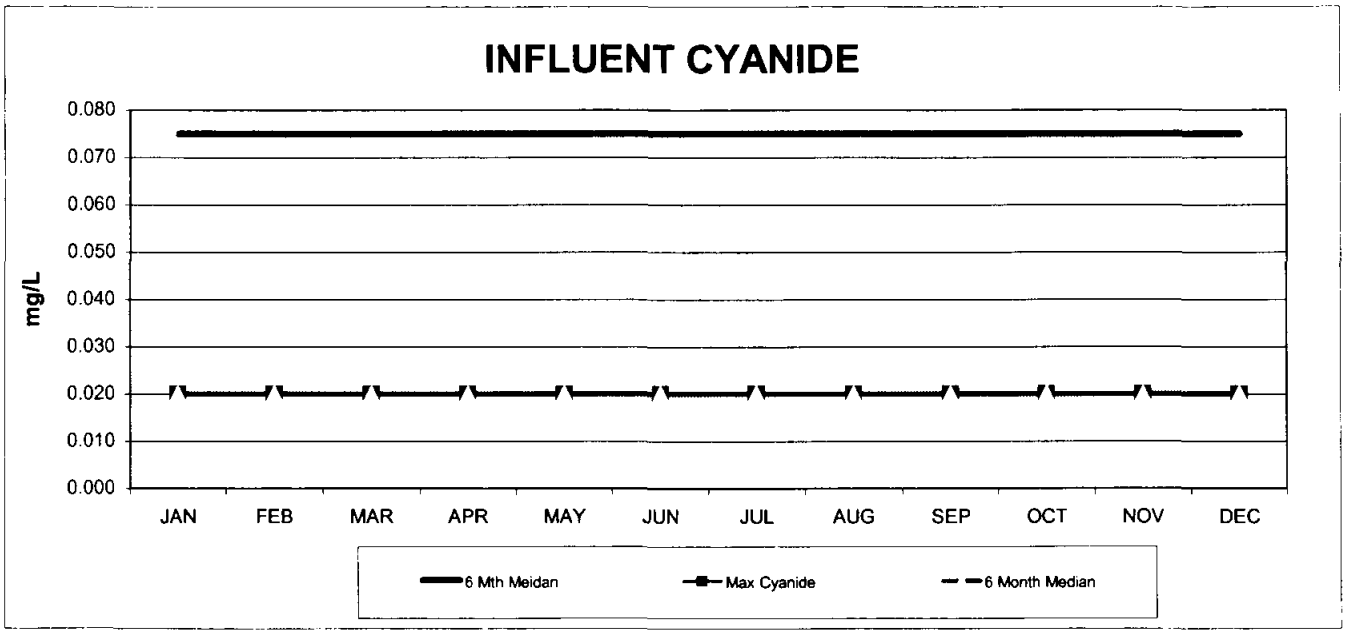



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Mthly Limit | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 | 1.1 |
| Max | 0.360 | 0.311 | 0.725 | 0.220 | 0.329 | 0.557 | 0.110 | 0.627 | 0.546 | 0.458 | 0.089 | 0.320 |
| Average | 0.177 | 0.238 | 0.383 | 0.118 | 0.179 | 0.247 | 0.100 | 0.308 | 0.294 | 0.224 | 0.069 | 0.208 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

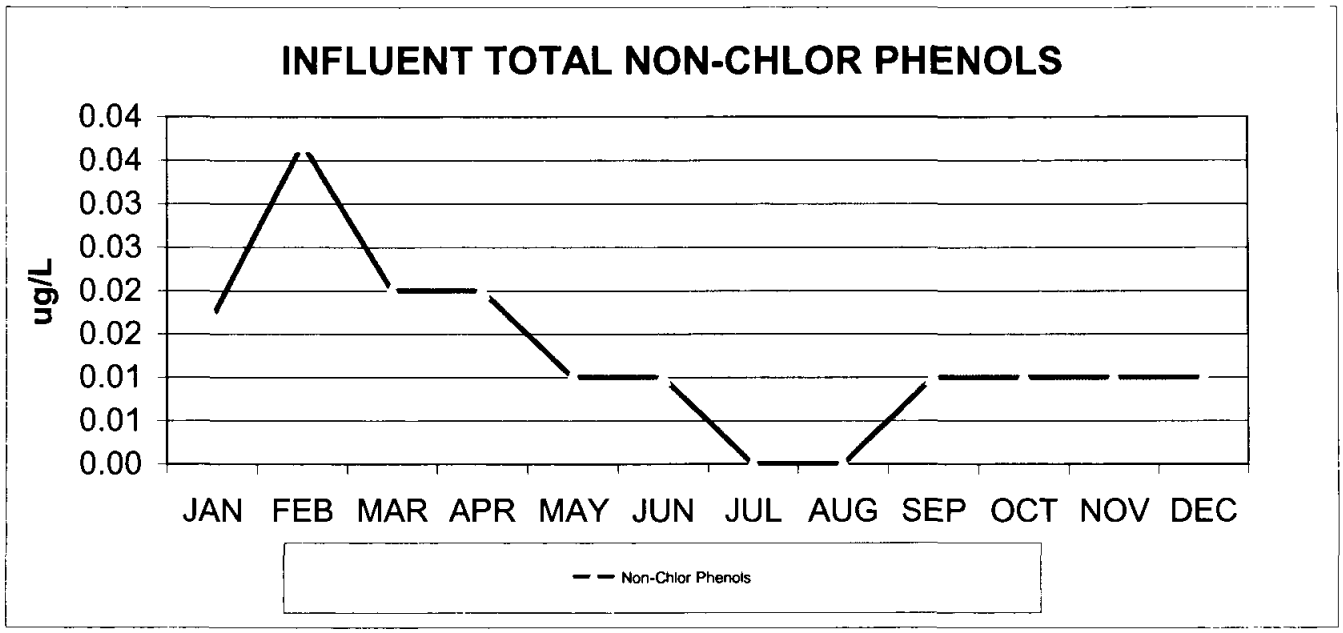



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6 Mth Limit | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 | 0.075 |
| Max | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |
| Median | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 | 0.020 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

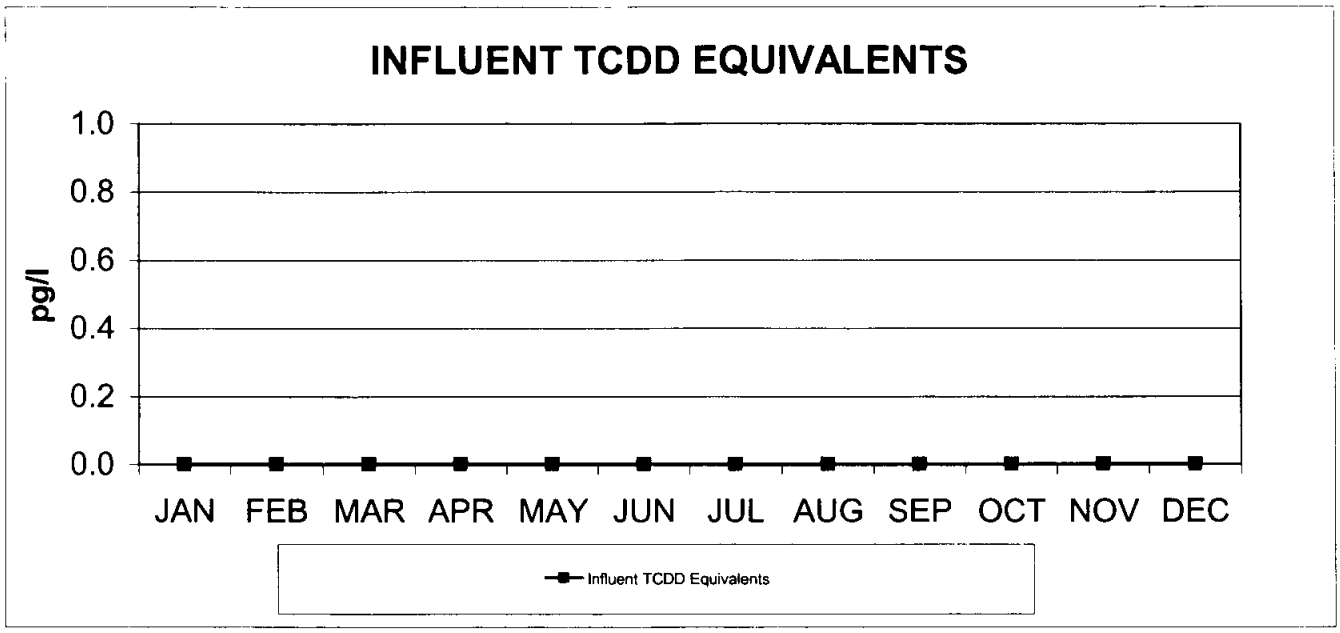



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average | 0.017 | 0.037 | 0.020 | 0.020 | 0.010 | 0.010 | 0.000 | 0.000 | 0.010 | 0.010 | 0.010 | 0.010 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report



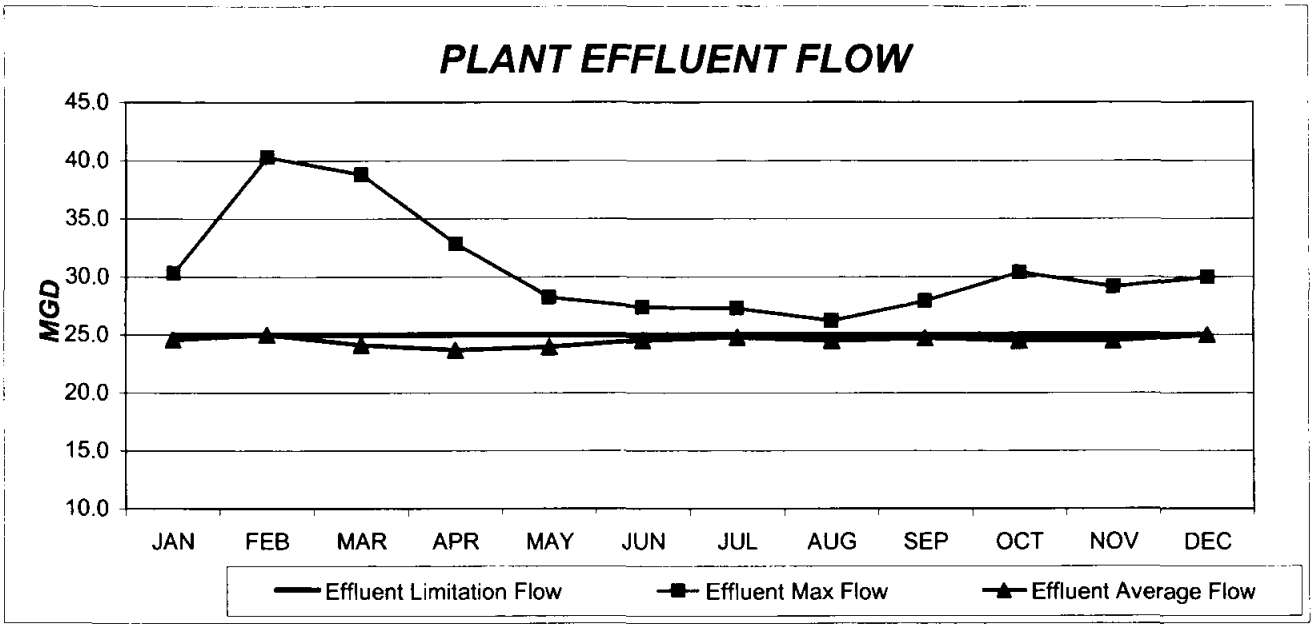

| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# EFFLUENT GRAPHS

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

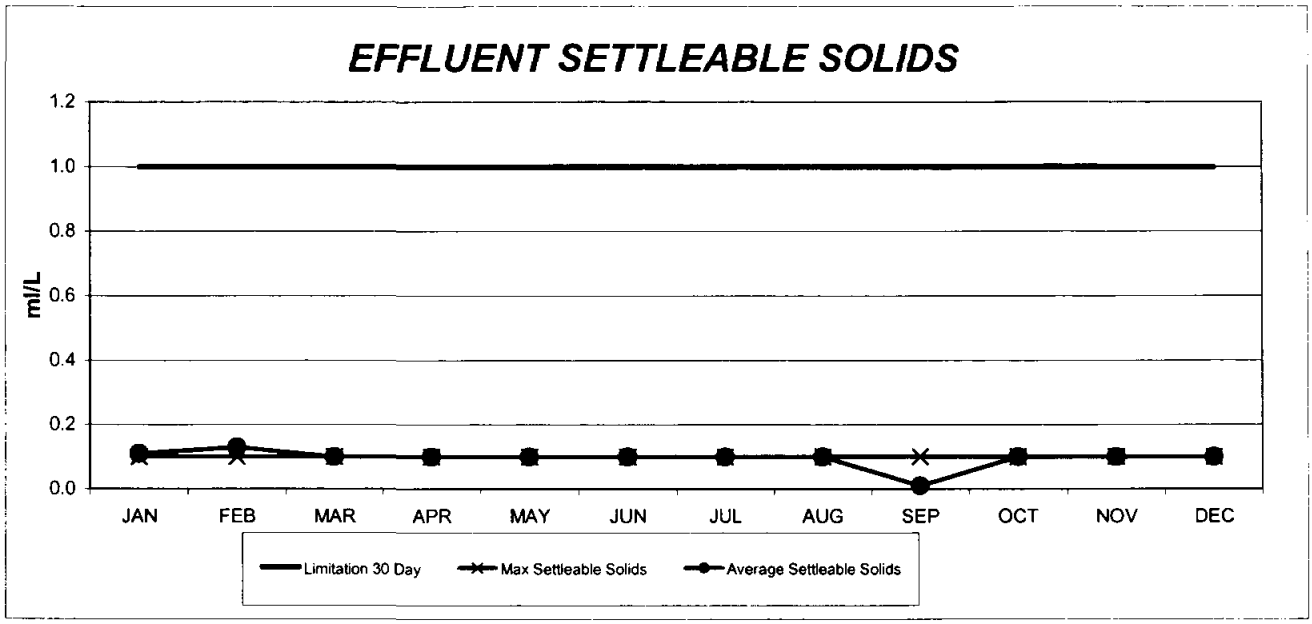



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 | 25.0 |
| Max | 30.33 | 40.30 | 38.80 | 32.82 | 28.24 | 27.41 | 27.29 | 26.26 | 27.93 | 30.37 | 29.13 | 29.97 |
| Average | 24.59 | 25.02 | 24.13 | 23.68 | 23.97 | 24.55 | 24.79 | 24.51 | 24.72 | 24.48 | 24.48 | 24.99 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

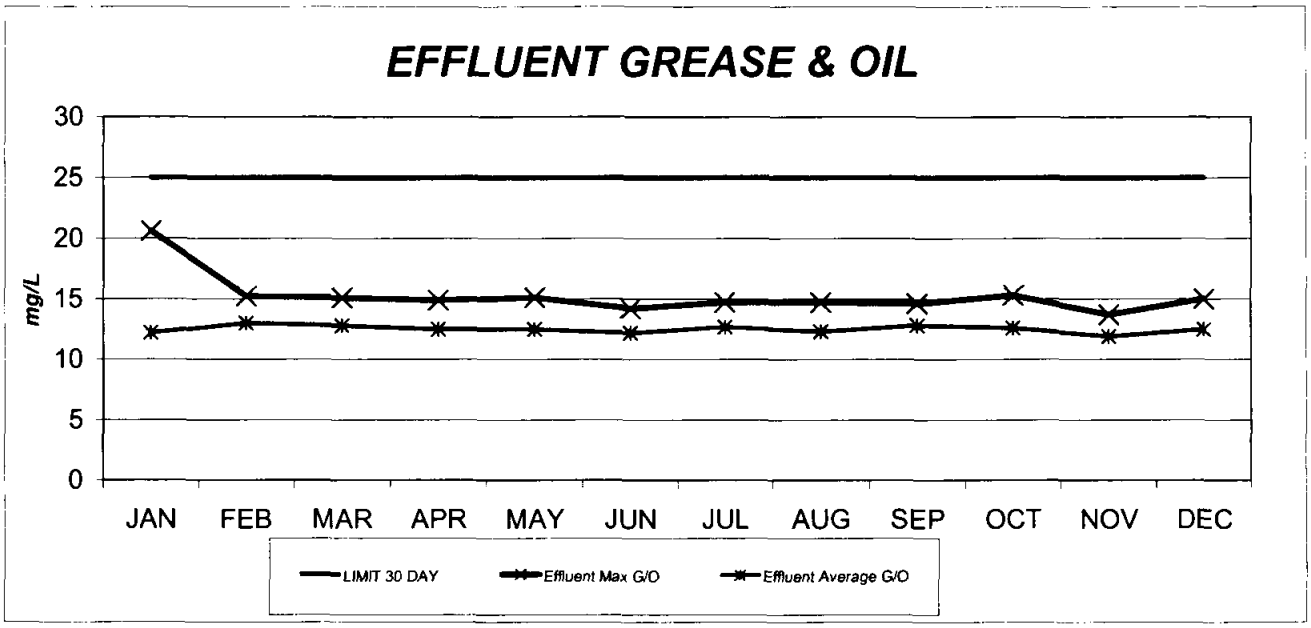



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Max | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 |
| Average | 0.11 | 0.13 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.10 | 0.01 | 0.10 | 0.10 | 0.10 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

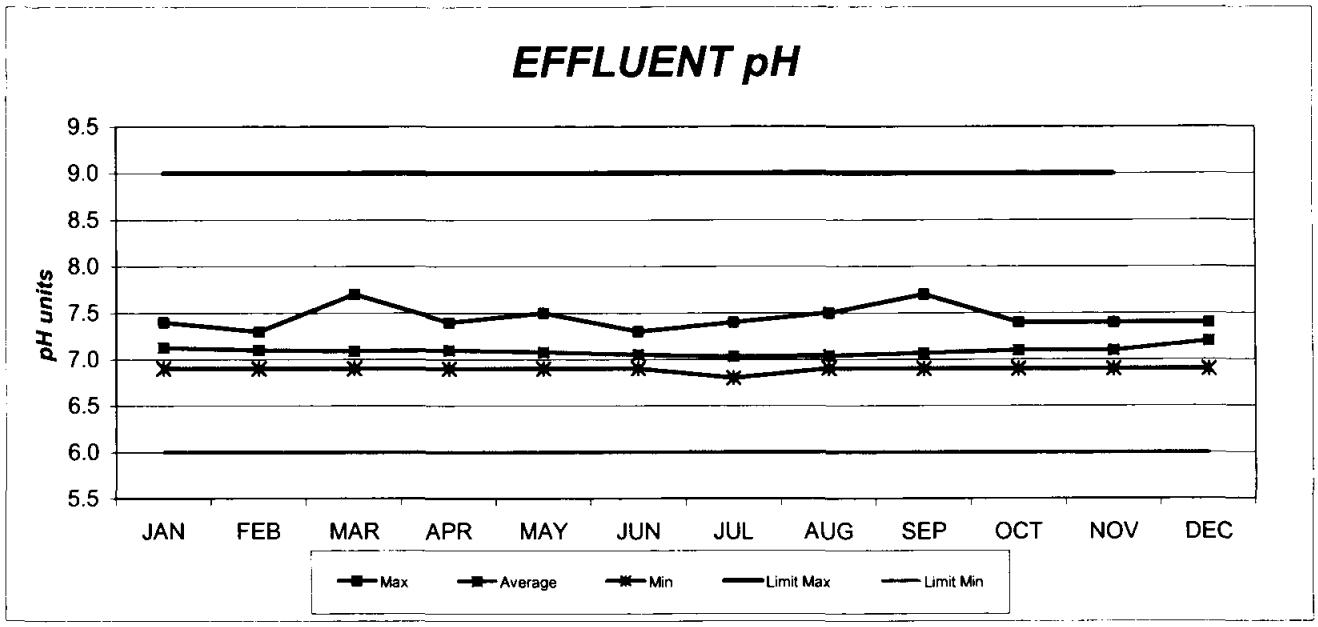



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Max | 20.6 | 15.2 | 15.1 | 14.9 | 15.1 | 14.2 | 14.7 | 14.7 | 14.6 | 15.3 | 13.7 | 15.0 |
| Average | 12.2 | 13.0 | 12.8 | 12.5 | 12.5 | 12.2 | 12.7 | 12.3 | 12.8 | 12.6 | 11.9 | 12.5 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

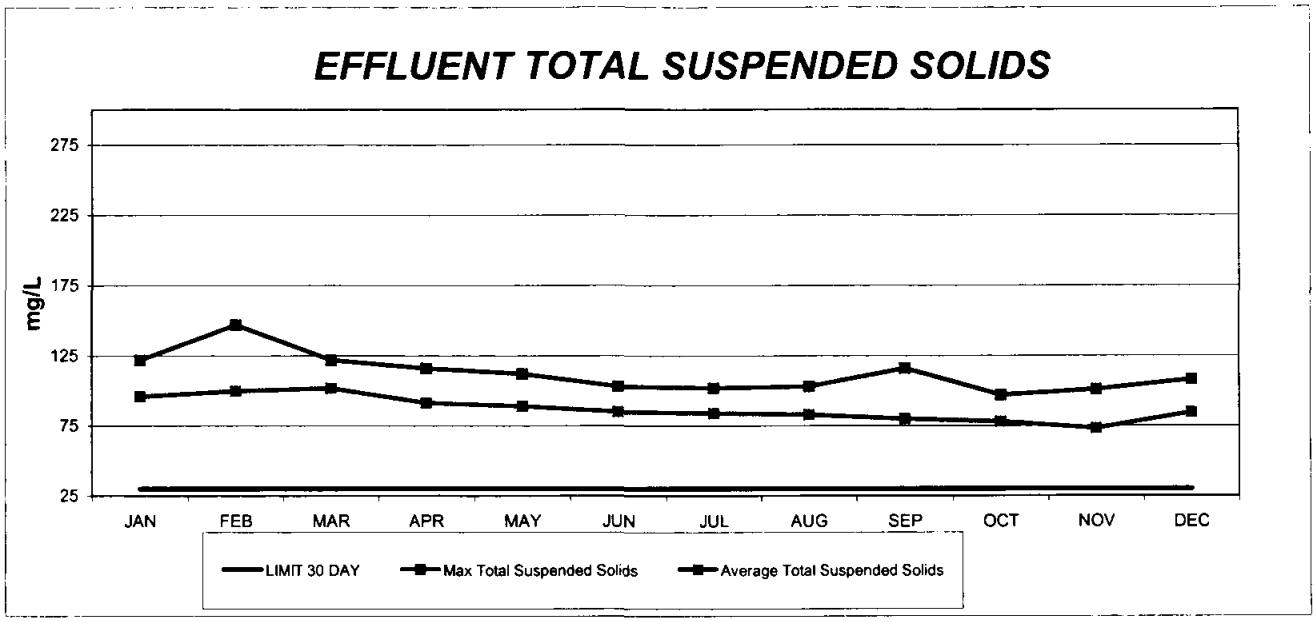



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Max | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 | 9 |
| Limit Min | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 | 6 |
| Max | 7.4 | 7.3 | 7.7 | 7.4 | 7.5 | 7.3 | 7.4 | 7.5 | 7.7 | 7.4 | 7.4 | 7.4 |
| Average | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.1 | 7.0 | 7.0 | 7.1 | 7.1 | 7.1 | 7.2 |
| Min | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 | 6.8 | 6.9 | 6.9 | 6.9 | 6.9 | 6.9 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

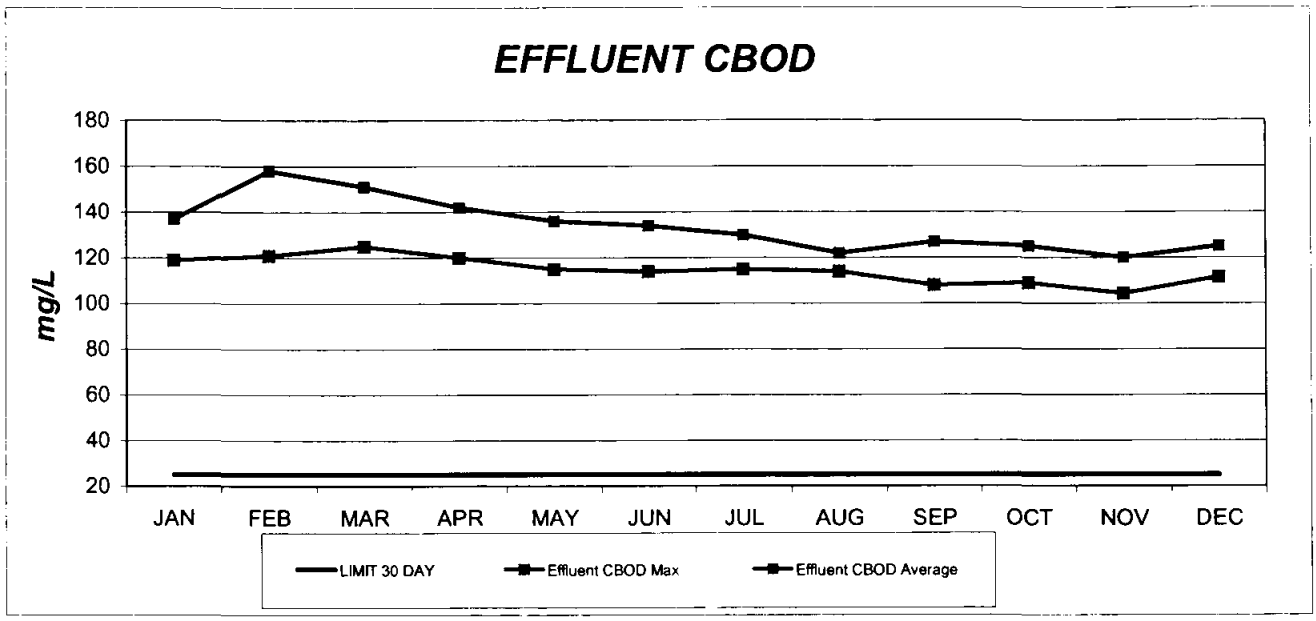



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 | 30 |
| Max | 122 | 147 | 122 | 116 | 112 | 103 | 102 | 103 | 116 | 97 | 101 | 108 |
| Average | 96 | 100 | 102 | 92 | 89 | 85 | 84 | 83 | 80 | 78 | 73 | 85 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

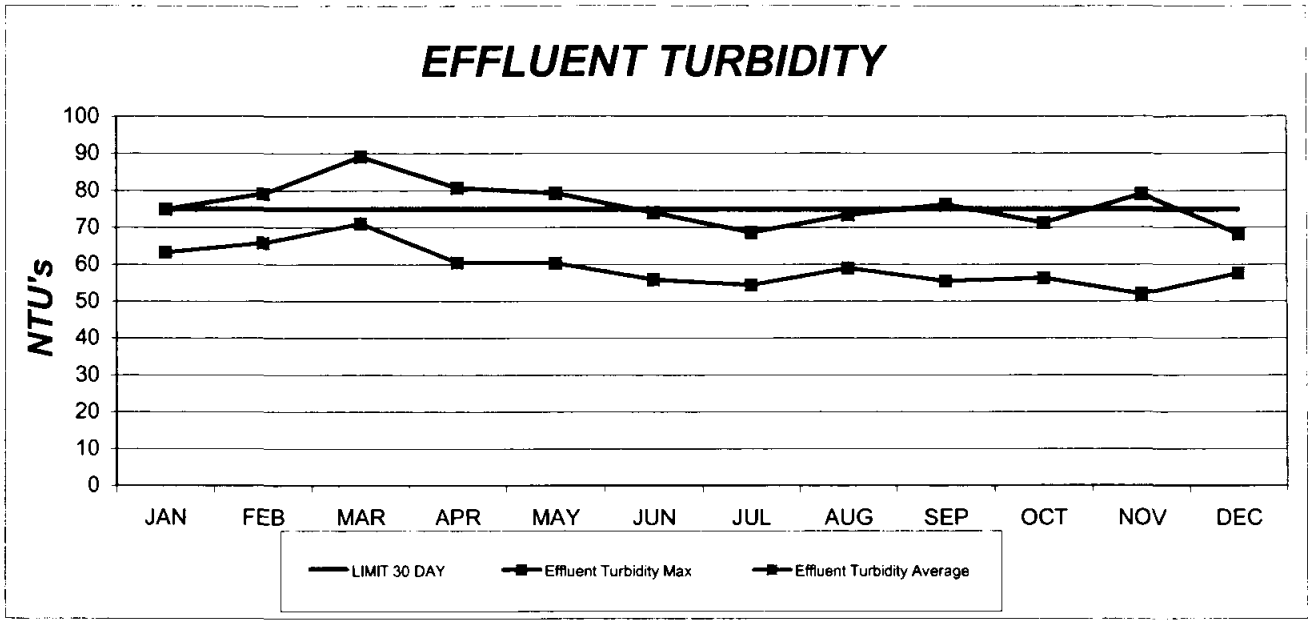



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 | 25 |
| Max | 137 | 158 | 151 | 142 | 136 | 134 | 130 | 122 | 127 | 125 | 120 | 125 |
| Average | 119 | 121 | 125 | 120 | 115 | 114 | 115 | 114 | 108 | 109 | 104 | 112 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

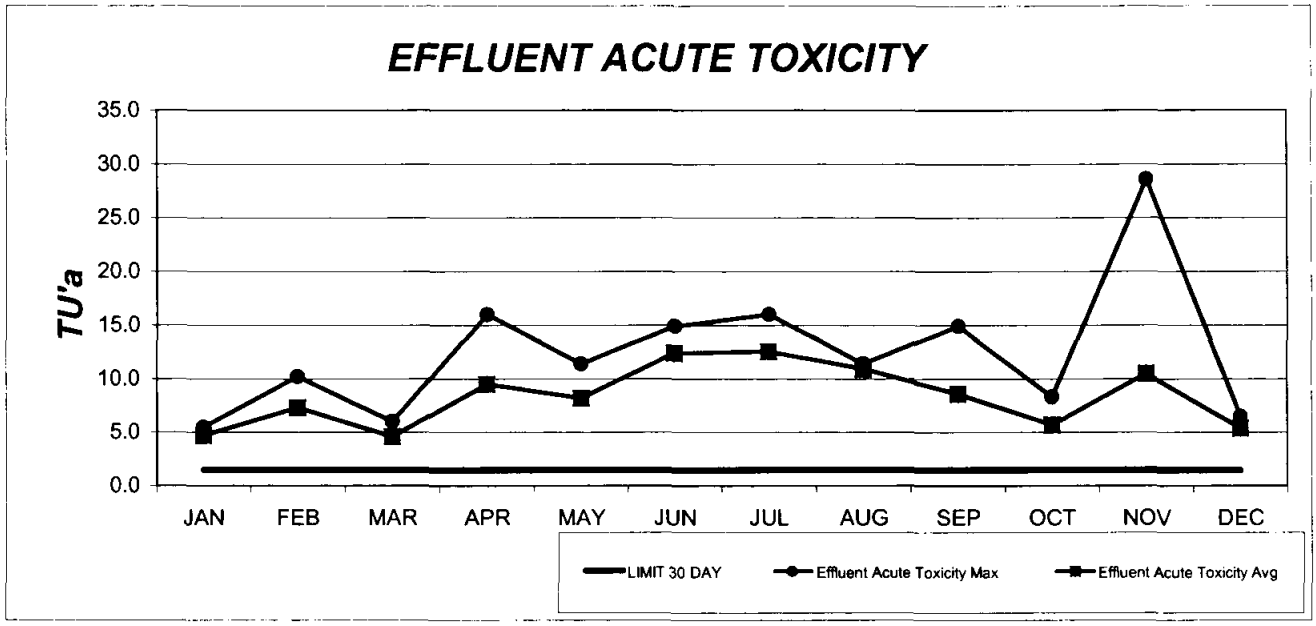



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 | 75 |
| Max | 75.0 | 79.0 | 89.2 | 80.7 | 79.3 | 74.0 | 68.6 | 73.4 | 76.2 | 71.2 | 79.0 | 68.2 |
| Average | 63.3 | 65.8 | 71.1 | 60.5 | 60.4 | 55.9 | 54.4 | 59.0 | 55.5 | 56.3 | 52.0 | 57.6 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

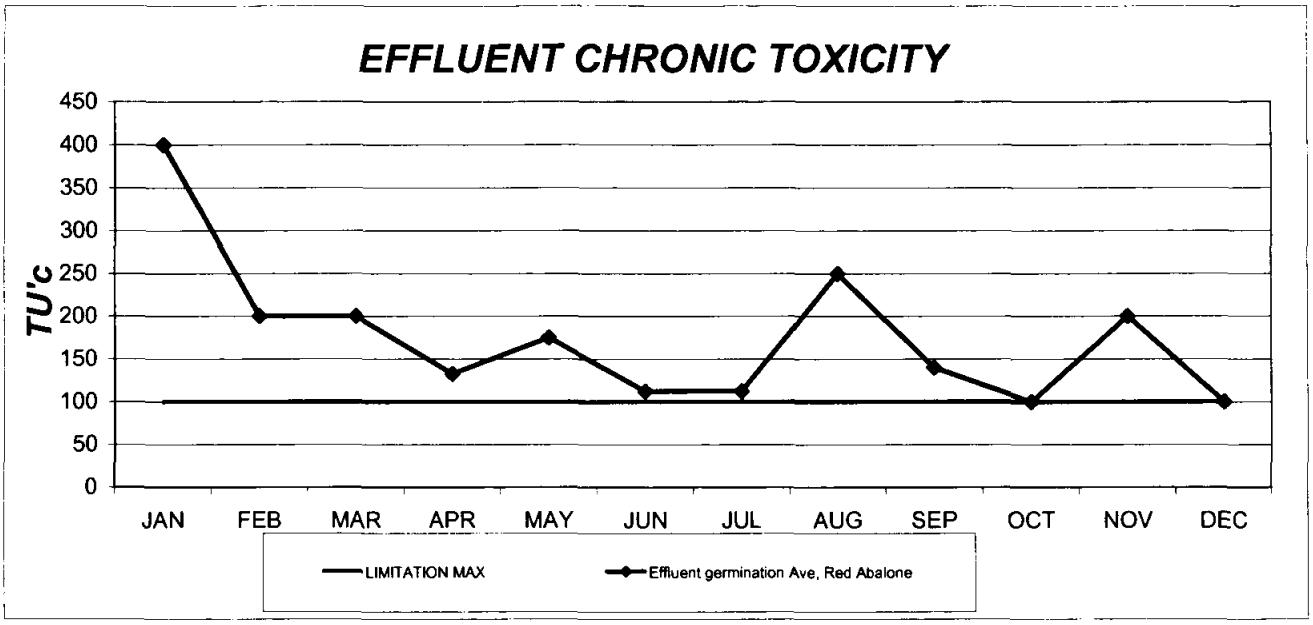



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 | 1.5 |
| Max | 5.5 | 10.2 | 6.0 | 16.0 | 11.4 | 14.9 | 16.0 | 11.4 | 14.9 | 8.3 | 28.6 | 6.5 |
| Average | 4.7 | 7.3 | 4.6 | 9.5 | 8.2 | 12.4 | 12.6 | 10.9 | 8.6 | 5.7 | 10.5 | 5.4 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

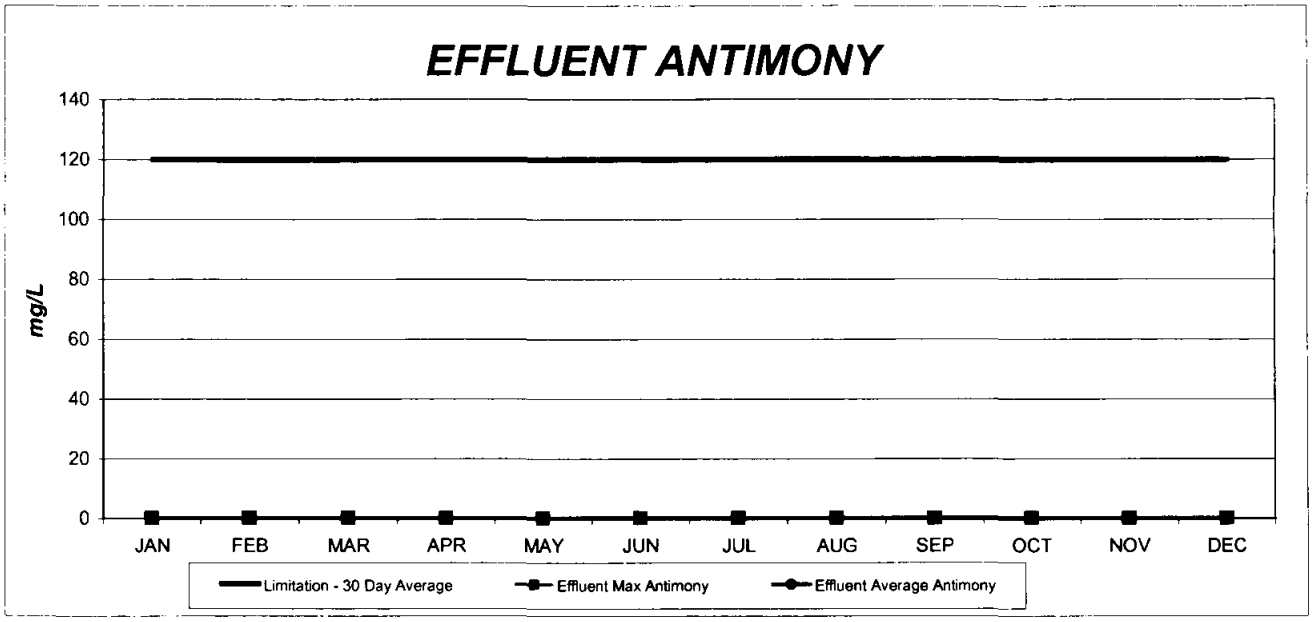



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Max | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 | 100 |
| Red Abalone, Germ. | 400.0 | 200.0 | 200.0 | 133.0 | 175.0 | 112.5 | 112.5 | 250.0 | 140.0 | 100.0 | 200.0 | 100.0 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

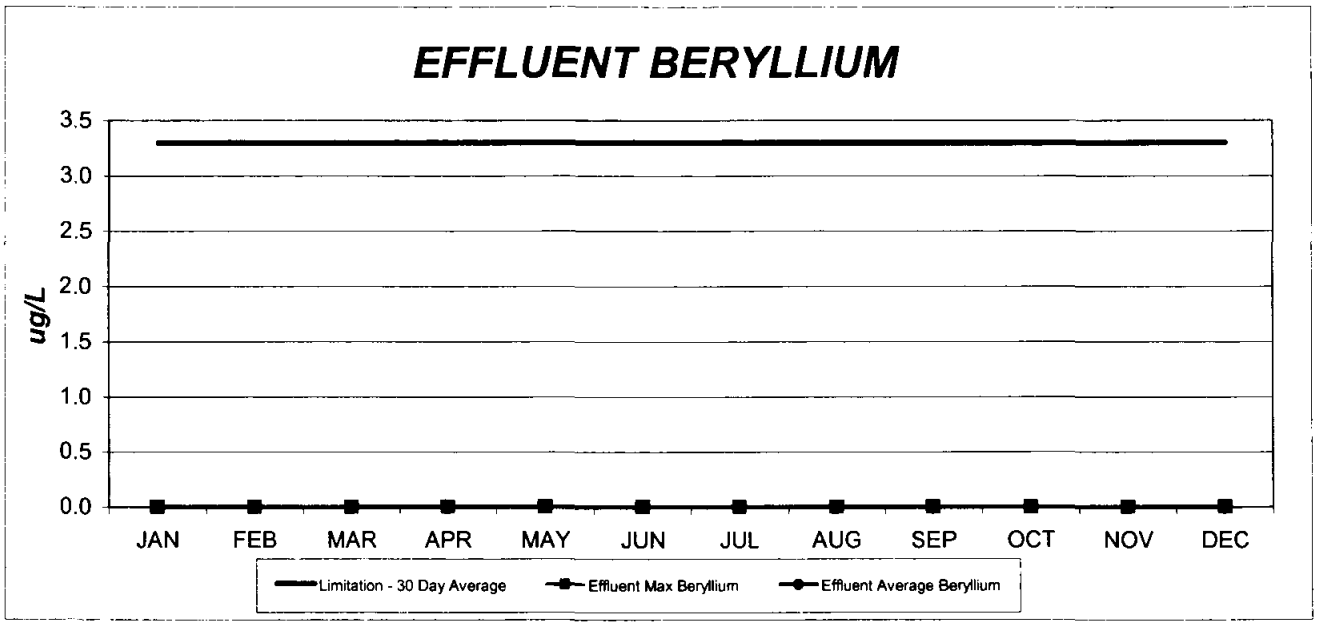



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 | 120 |
| Max | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0280 | 0.0000 | 0.0000 |
| Average | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0060 | 0.0000 | 0.0000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

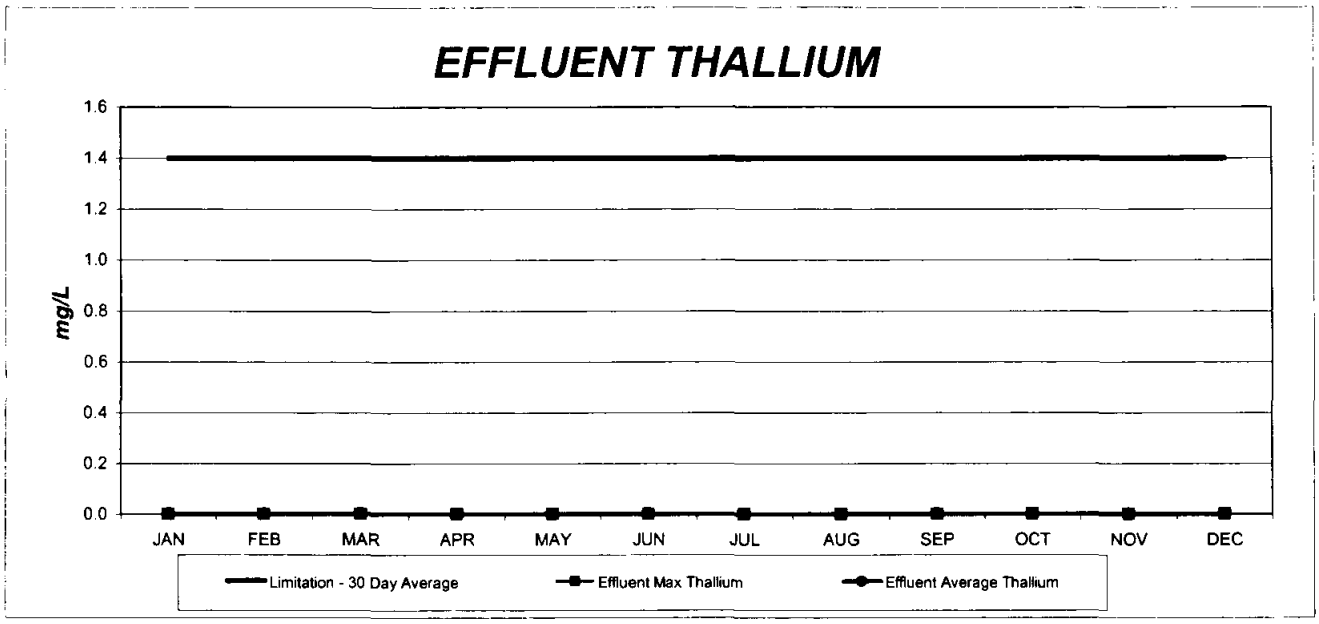



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 | 3.3 |
| Max | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Average | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

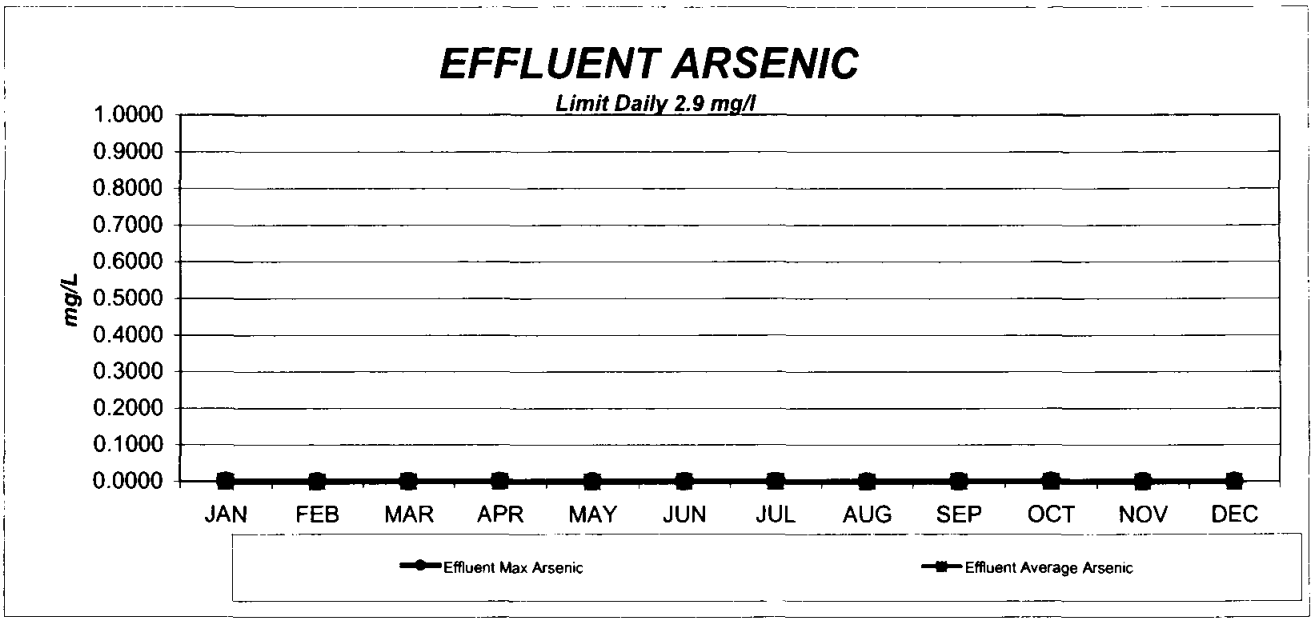



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 | 1.4 |
| Max | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Average | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

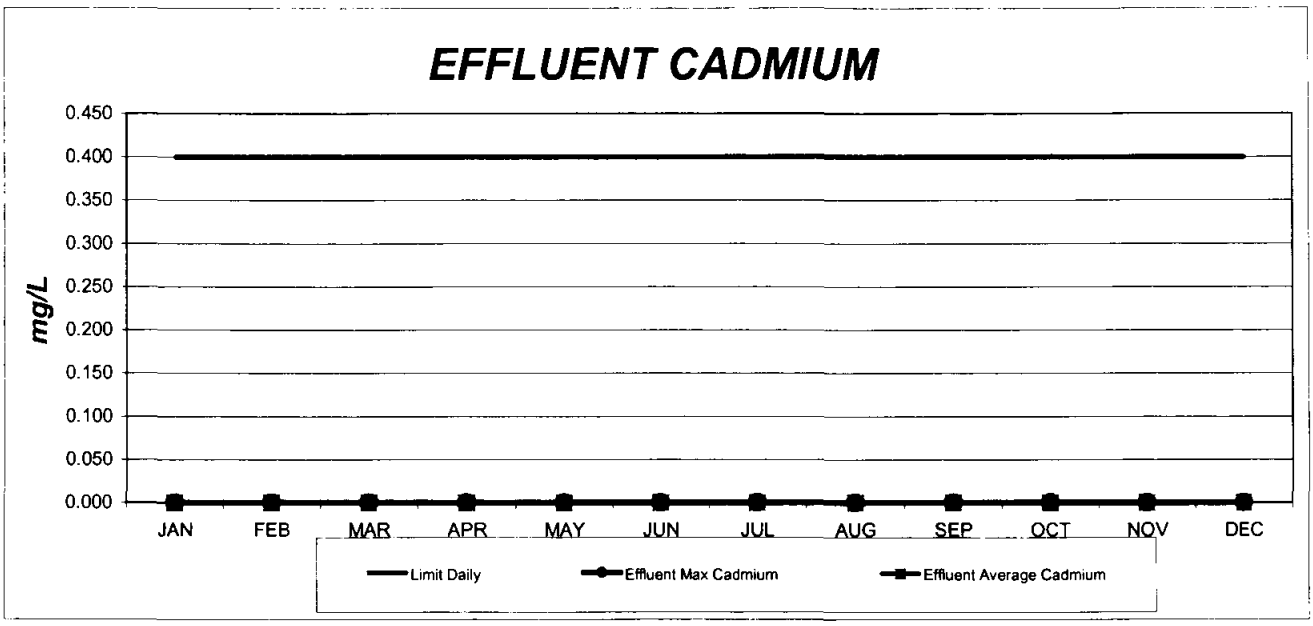



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 | 2.9 |
| Max | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Average | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

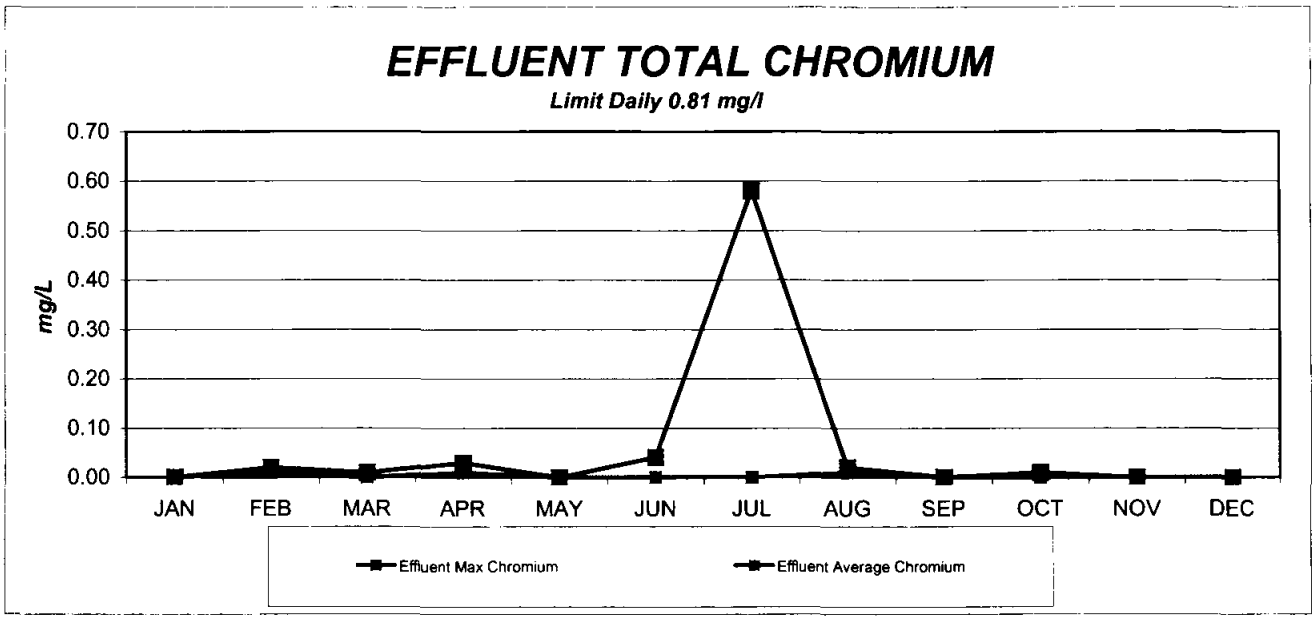



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 | 0.400 |
| Max | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Average | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

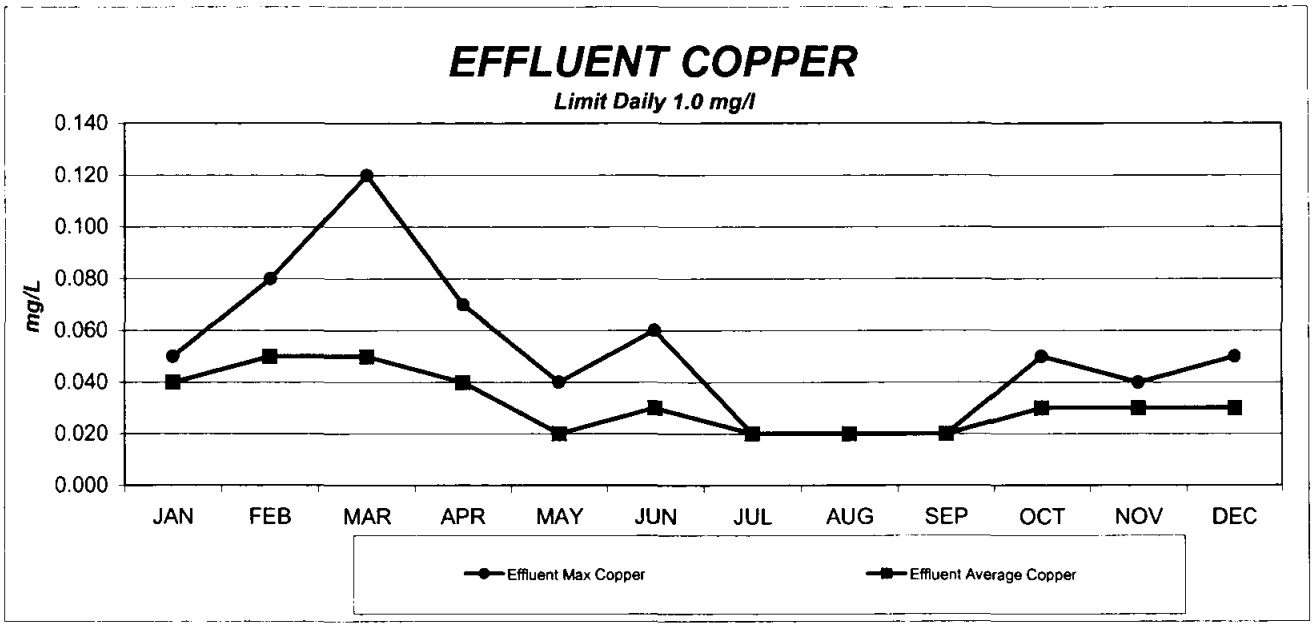



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 |
| Max | 0.00 | 0.02 | 0.01 | 0.03 | 0.00 | 0.04 | 0.58 | 0.02 | 0.00 | 0.01 | 0.00 | 0.00 |
| Average | 0.00 | 0.01 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.01 | 0.00 | 0.00 | 0.00 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

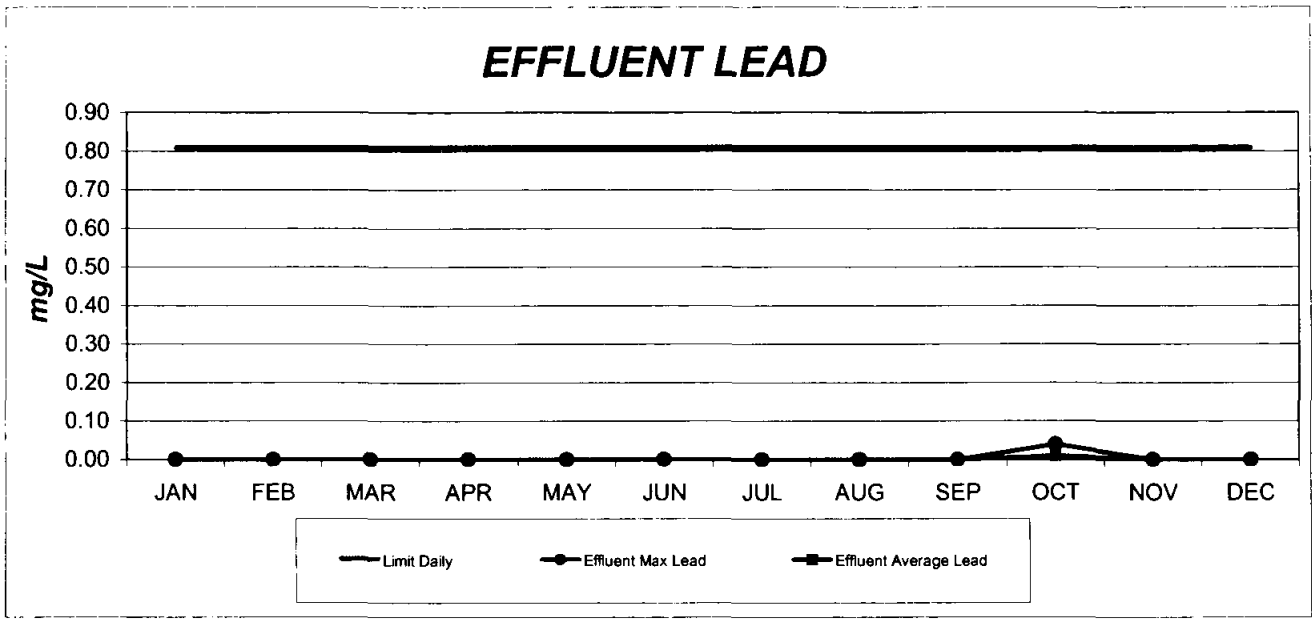



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 | 1.0 |
| Max | 0.050 | 0.080 | 0.120 | 0.070 | 0.040 | 0.060 | 0.020 | 0.020 | 0.020 | 0.050 | 0.040 | 0.050 |
| Average | 0.04 | 0.05 | 0.05 | 0.04 | 0.02 | 0.03 | 0.02 | 0.02 | 0.02 | 0.03 | 0.03 | 0.03 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

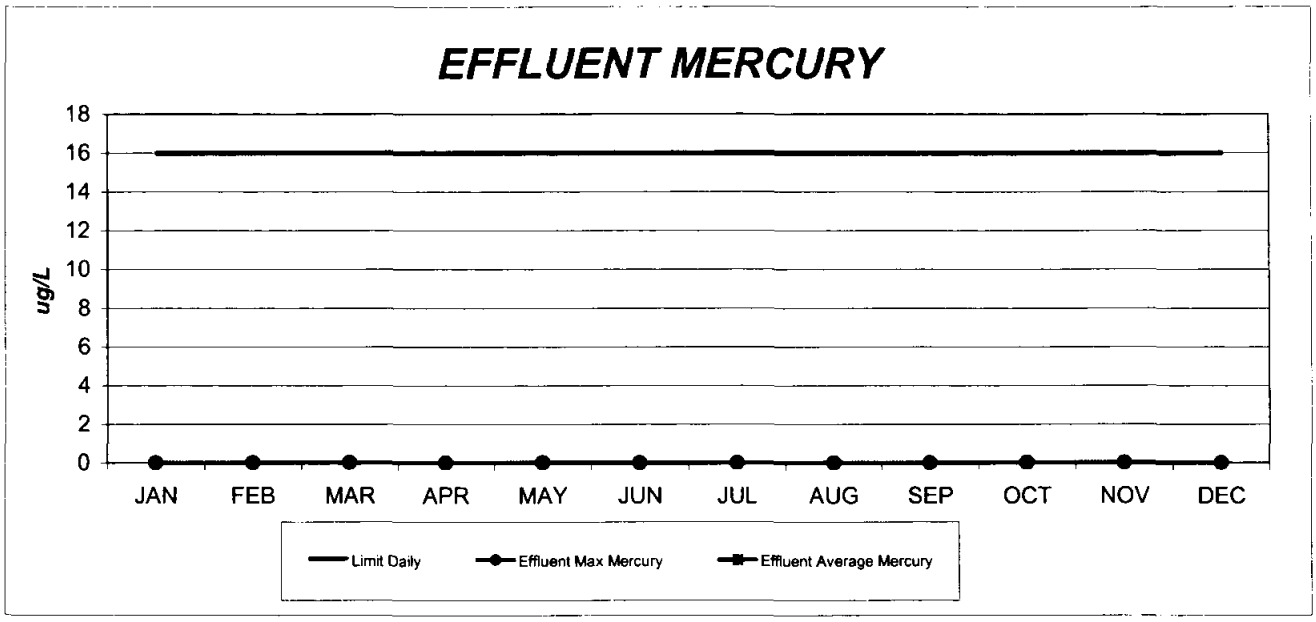



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 | 0.81 |
| Max | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.040 | 0.000 | 0.000 |
| Average | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.010 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

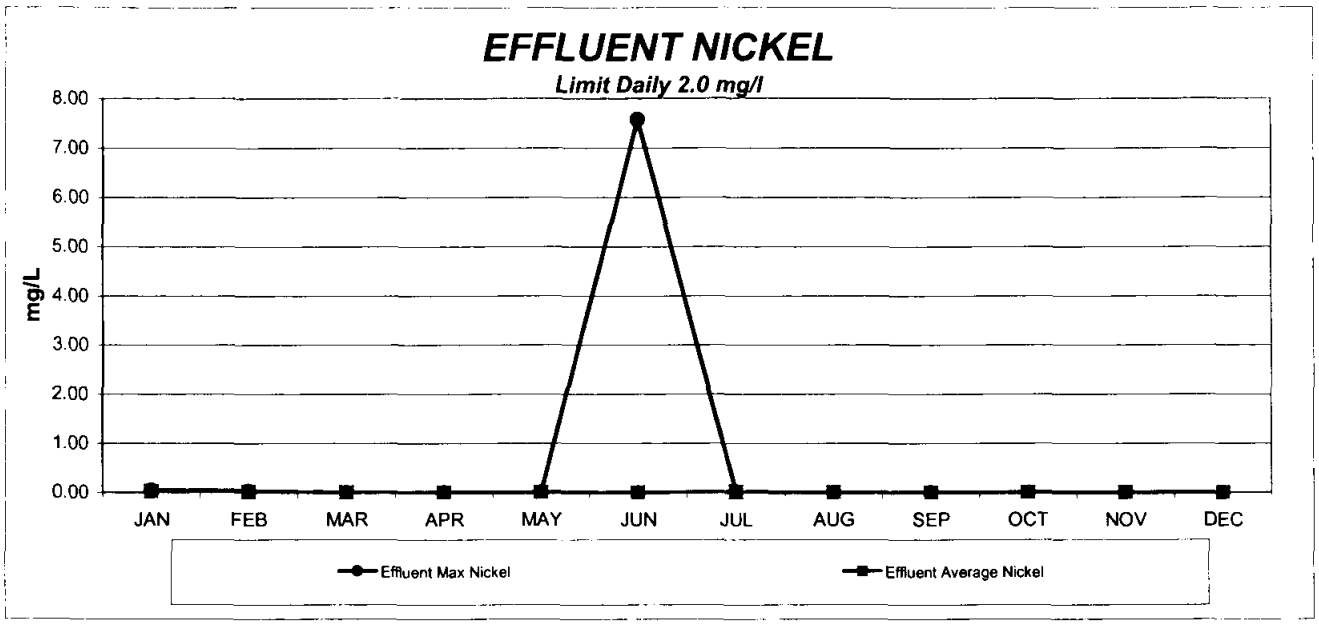



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 | 16 |
| Max | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| *Average* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* | *0.00* |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

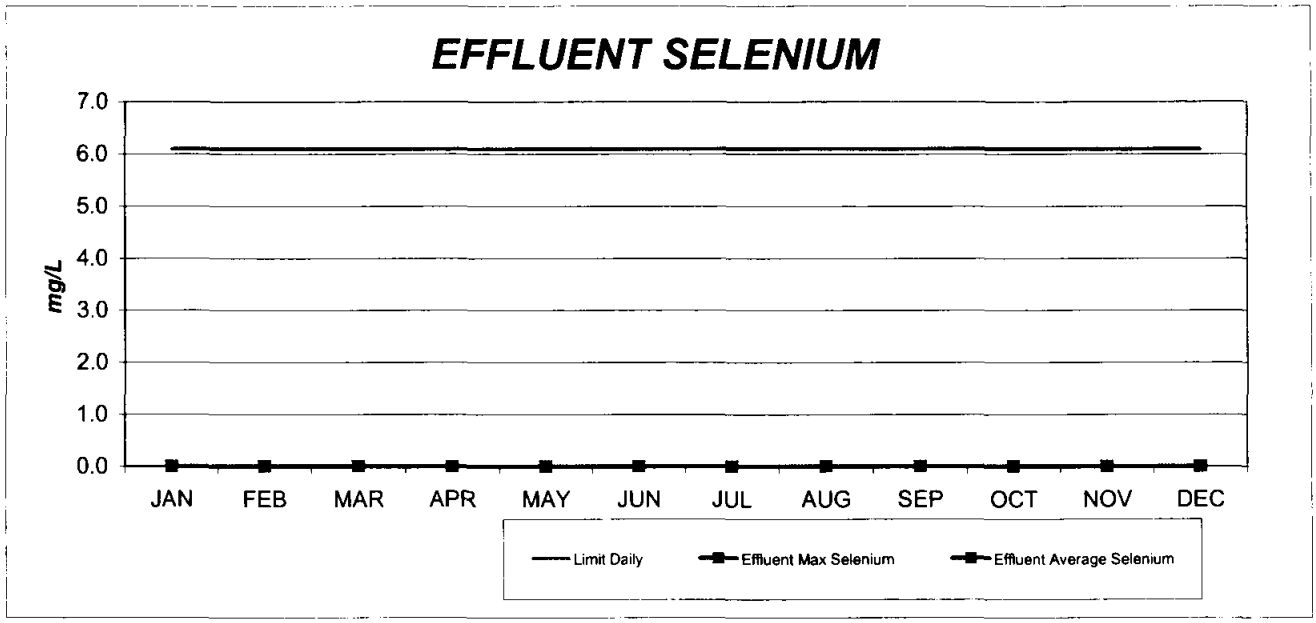



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 | 2.0 |
| Max | 0.04 | 0.03 | 0.00 | 0.00 | 0.00 | 7.58 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average | 0.02 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.02 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# International Boundary and Water Commission

# South Bay International WTP

# 2006 Annual NPDES Report

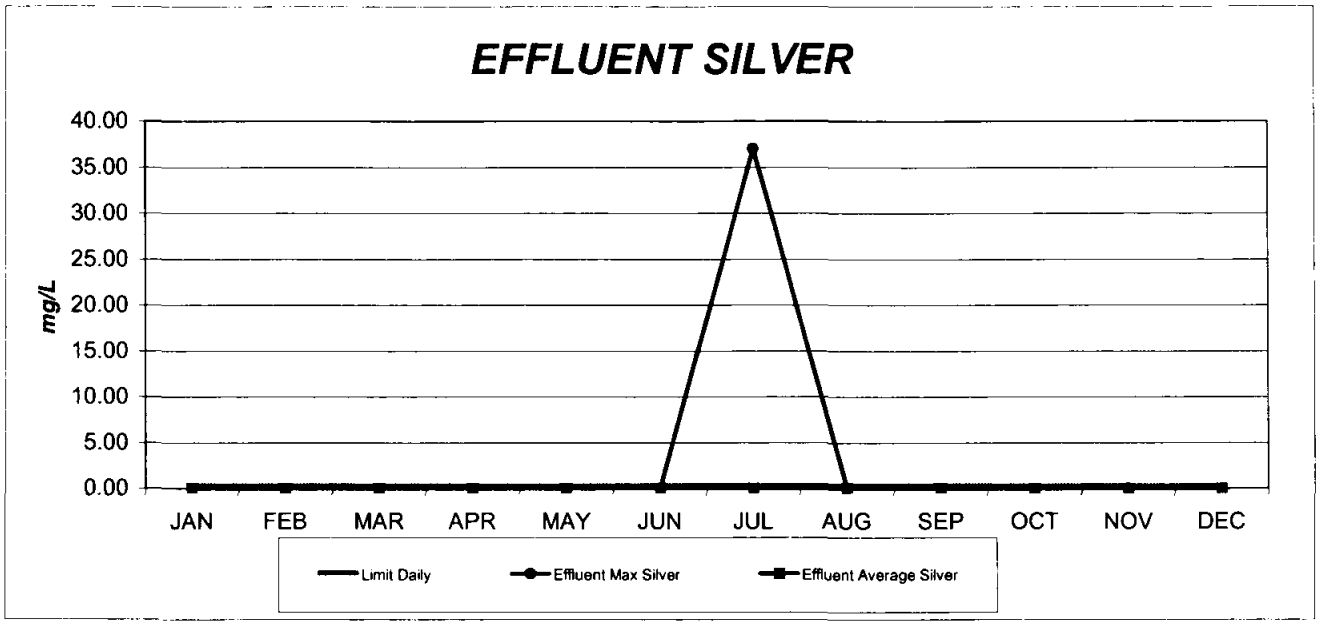



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 | 6.1 |
| Max | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| Average | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

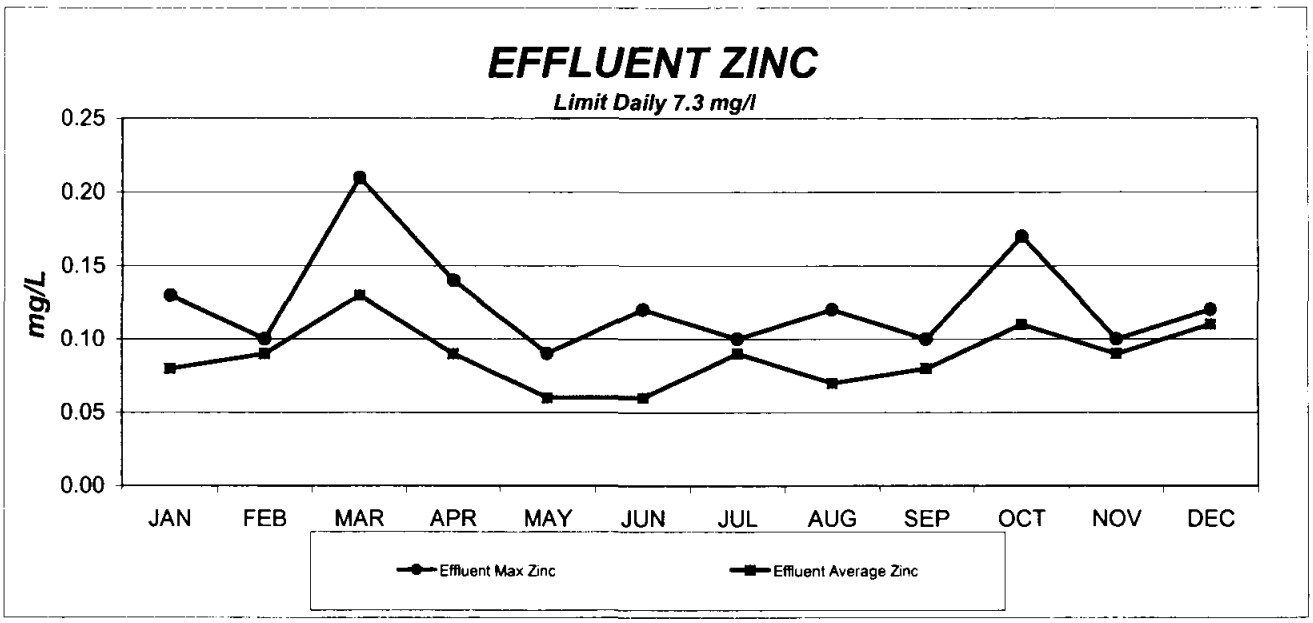



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 | 0.27 |
| Max | 0.003 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 37.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Average | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

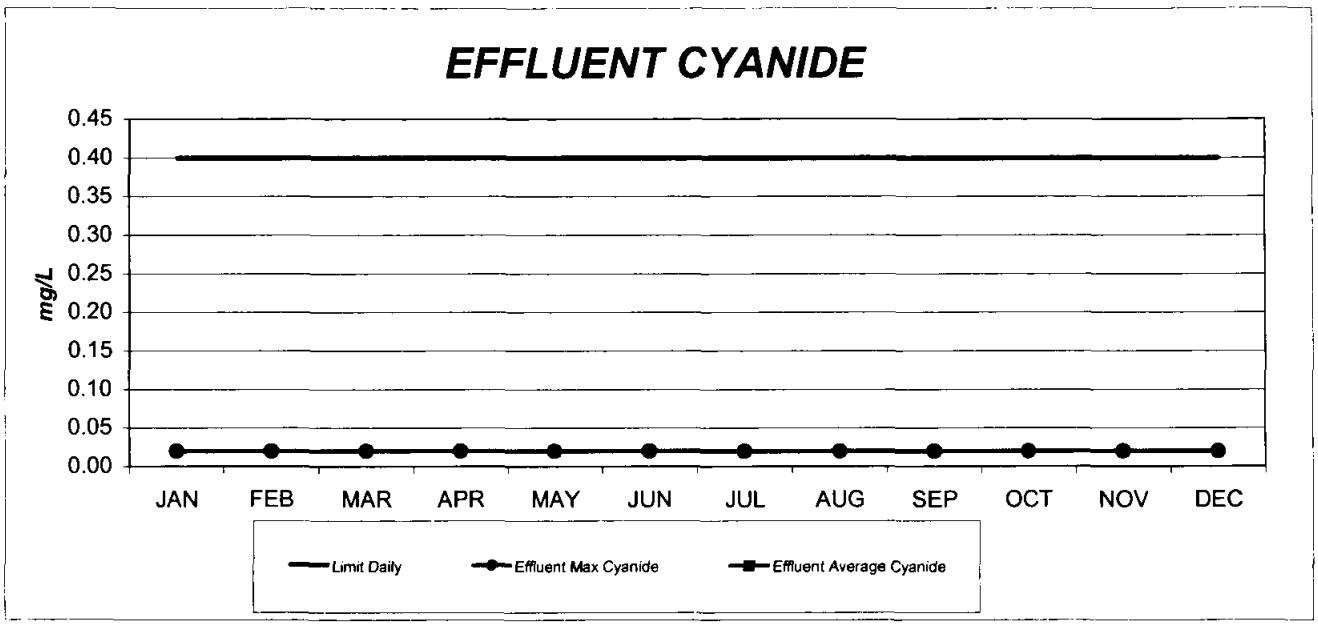



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 | 7.3 |
| Max | 0.13 | 0.10 | 0.21 | 0.14 | 0.09 | 0.12 | 0.10 | 0.12 | 0.10 | 0.17 | 0.10 | 0.12 |
| Average | 0.08 | 0.09 | 0.13 | 0.09 | 0.06 | 0.06 | 0.09 | 0.07 | 0.08 | 0.11 | 0.09 | 0.11 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

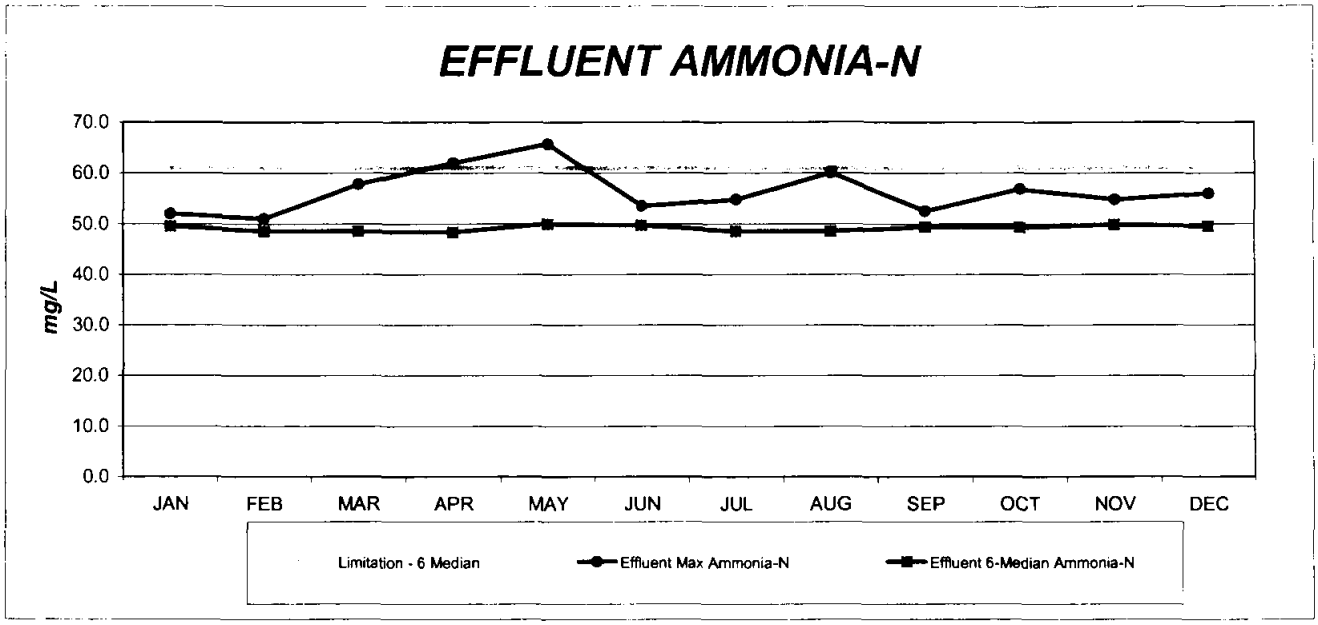



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit Daily | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 | 0.40 |
| Max | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |
| Average | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 | <0.02 |

# International Boundary and Water Commission

## South Bay International WTP

## 2004 Annual NPDES Report

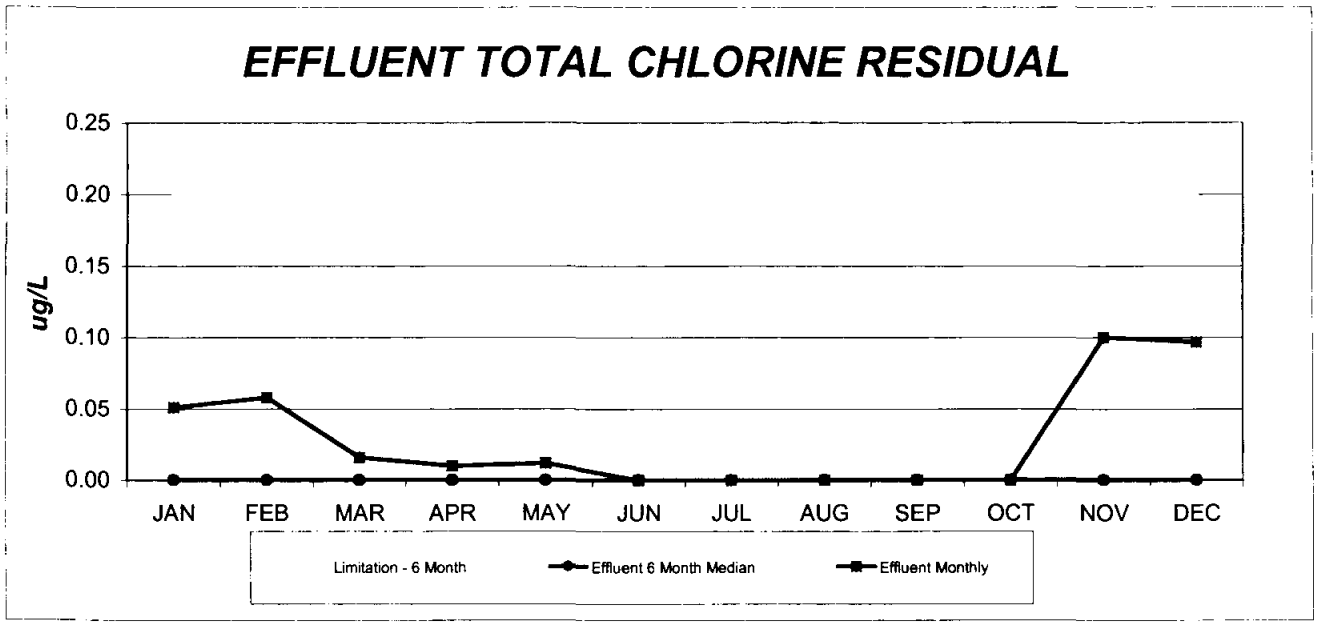



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 6 Mth | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 | 61.0 |
| Max | 52.0 | 51.0 | 57.8 | 62.0 | 65.7 | 53.5 | 54.8 | 60.0 | 52.5 | 56.8 | 54.8 | 56.0 |
| 6 Mth Median | 49.5 | 48.5 | 48.5 | 48.3 | 50.0 | 49.7 | 48.5 | 48.5 | 49.4 | 49.3 | 49.9 | 49.5 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

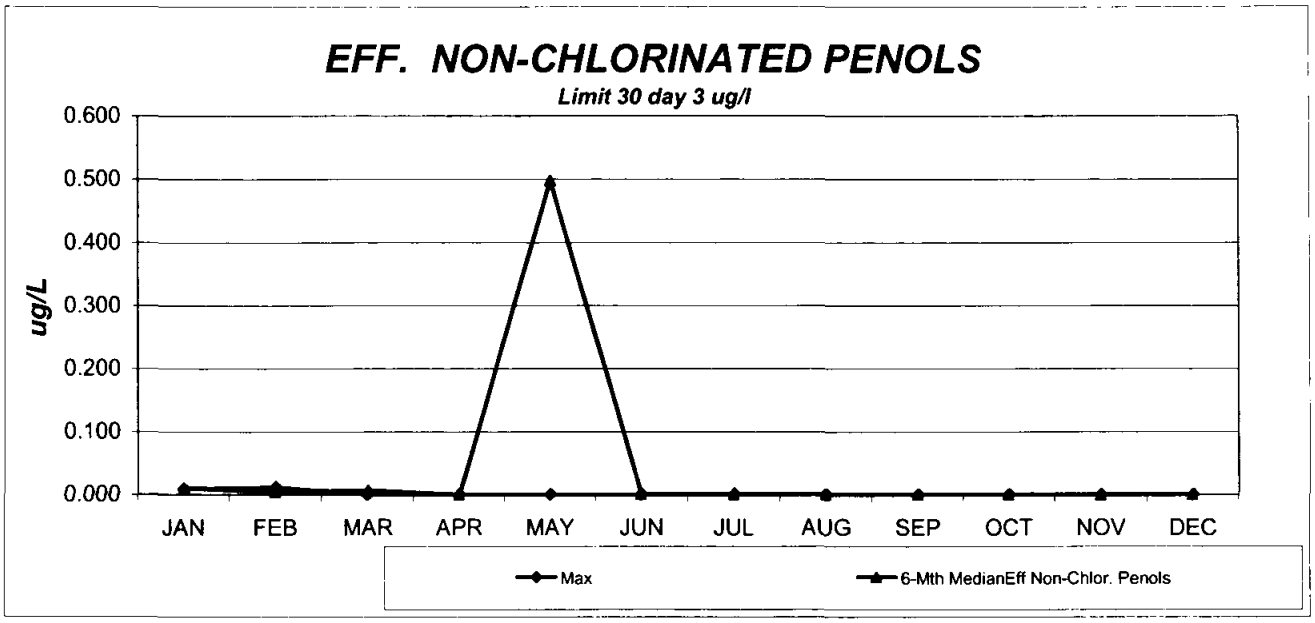



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 6 Mth | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 | 0.20 |
| 6 Mth Median | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| Mth Average | 0.05 | 0.06 | 0.02 | 0.01 | 0.01 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.10 | 0.10 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

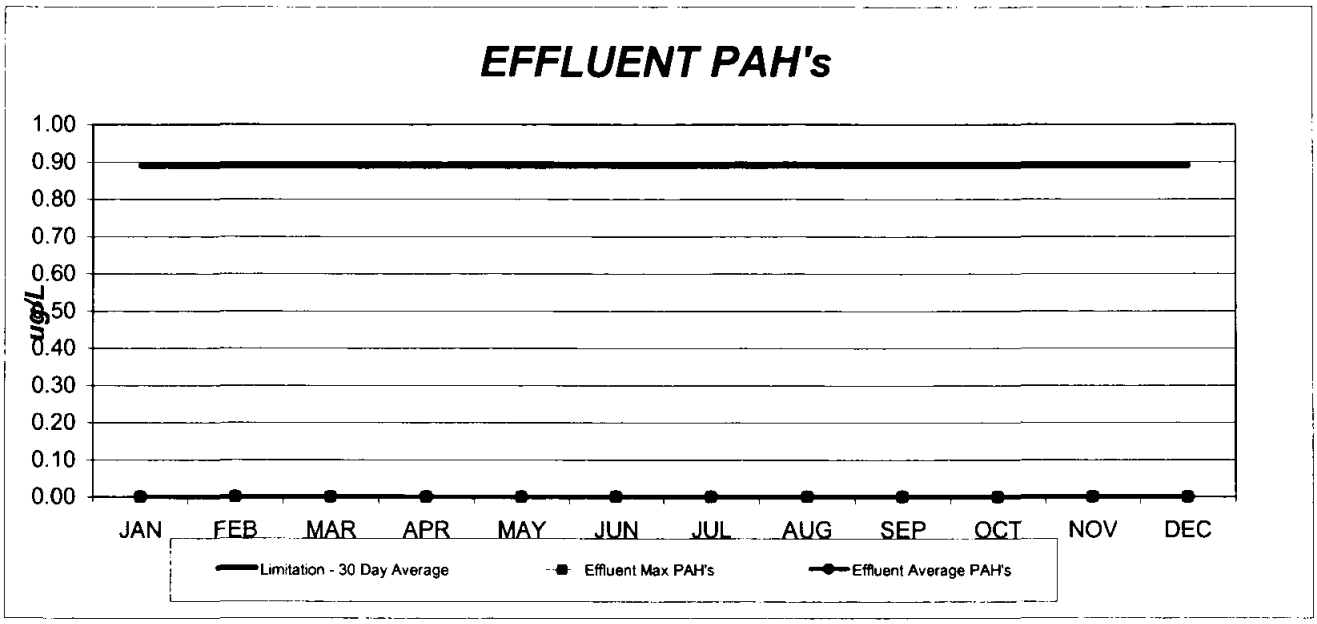



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Max | 0.009 | 0.012 | 0.000 | 0.000 | 0.000 | 0.000 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |
| 6- Mth Median | 0.011 | 0.004 | 0.007 | 0.000 | 0.498 | 0.001 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

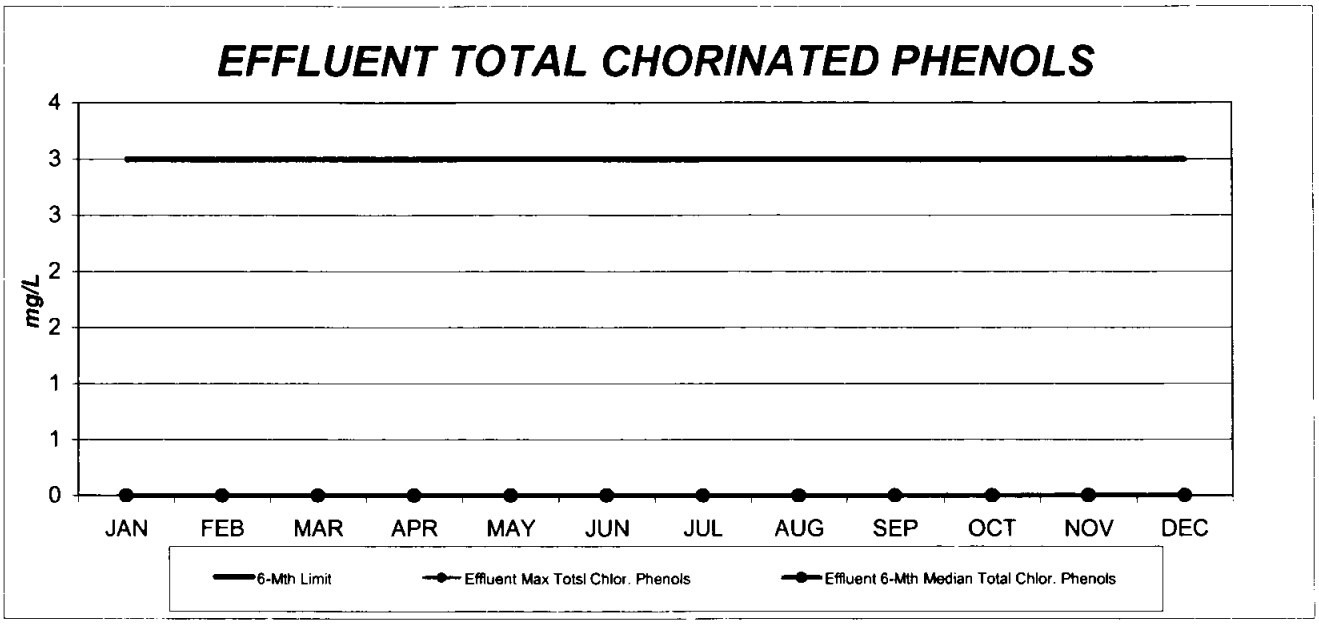



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit 30 Day | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 | 0.89 |
| Max | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |
| Average | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

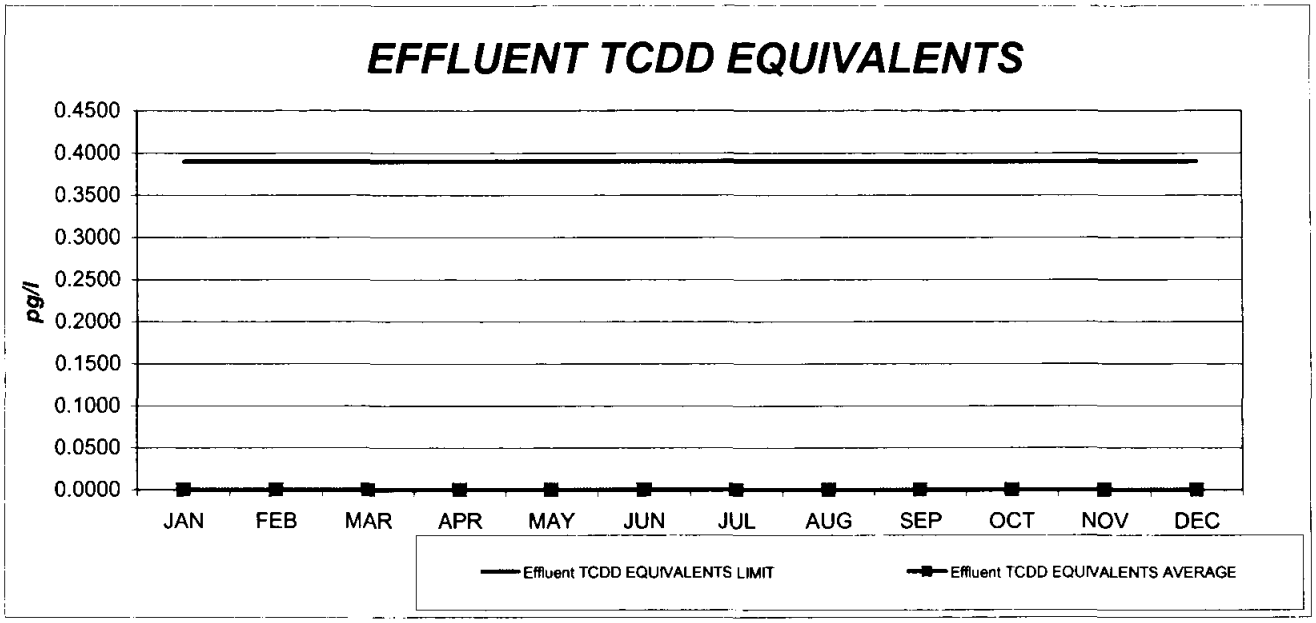



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| 6-Mth Limit | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 | 3 |
| Max | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |
| 6-Mth Median | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report

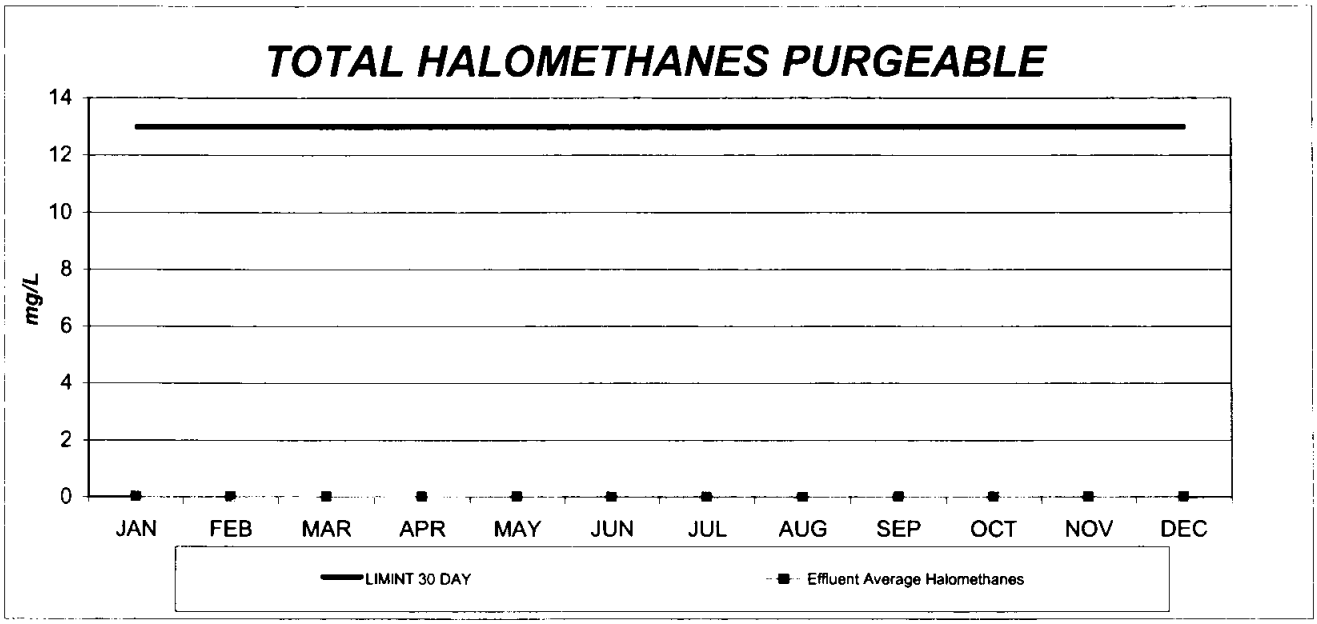



| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Limit | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 | 0.3900 |
| Average | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 | 0.000 |

# International Boundary and Water Commission

## South Bay International WTP

## 2006 Annual NPDES Report




| | JAN | FEB | MAR | APR | MAY | JUN | JUL | AUG | SEP | OCT | NOV | DEC |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| LIMINT 30 DAY | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 | 13 |
| Effluent Average | 0.0090 | 0.0032 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 | 0.0000 |