

## **Discharge Monitoring Reports (DMR's)**

The Port of Seattle has a history of pollution discharge dating clear back to 1948. ([See also Water Pollution Historical Documents Page.](#)) This page contains links to Discharge Monitoring Reports (DMR's) filed by the Port of Seattle. These reports are filed by the Port in conjunction with the Port's National Pollution Discharge Elimination System (NPDES) permit (No. WA-0024651) issued by Washington State Department of Ecology. The DMR's report levels of concentration of specific chemicals and substances in effluent discharged from outfalls from Port of Seattle property at Sea-Tac airport to stormwater systems which carry this stormwater through stormwater systems in adjacent communities into Puget Sound. Each particular outfall is monitored. DOE's current permit expired in June of 1997, was renewed in October of 2003, and was appealed by CASE.

[\*\*Discharge Monitoring Report \(DMR\) for Outfall No. SDN 2 \(Discharge No. 007\) December 1996 \(Report indicates glycol concentration of 3635 mg/L\)\*\*](#)

[\*\*Discharge Monitoring Report \(DMR\) for Outfall No. SDN 2 \(Discharge No. 007\) November 1996 \(Report indicates glycol concentration of 1925 mg/L\)\*\*](#)

[\*\*Discharge Monitoring Report \(DMR\) for Outfall No. SDS 1 \(Discharge No. 003\) December 1996 \(Report indicates glycol concentration of 2859 mg/L\)\*\*](#)

[\*\*Discharge Monitoring Report \(DMR\) for Outfall No. SDS 3 \(Discharge No. 005\) December 1996 \(Report indicates glycol concentration of 194 mg/L\)\*\*](#)

[\*\*Discharge Monitoring Report \(DMR\) for Outfall No. SDN 2 \(Discharge No. 007\) December 1996 \(Report indicates glycol concentration of 3635 mg/L\)\*\*](#)

[To RCAA Home Page](#)

[To RCAA Library Page](#)

# **Water Pollution Historical Documents (1948-1957)**

## **[Letter dated July 17, 1957 from Washington State Department of Game to Local District Supervisor](#)**

Letter relating telephone conversation with Washington State Pollution Control Commission discussing drainage from Sea-Tac airport causing fish kills in Miller Creek., including the recent plant of fish just prior to the opening of fishing season. Suggestions made to eliminate Miller Creek from future fish planting until problem is solved as well as contact newspapers about the problem.

## **[Letter dated June 20, 1957 from Kenneth R. Jones, Metropolitan Engineering Manager to Earle Bigler, Manager of Sea-Tac Airport](#)**

Letter from Pollution Control Board confirming conversation with Port of Seattle assistant airport manager concerning recent killing of over 1,000 Rainbow Trout 8-10 inches in length as a result of discharge of "plane wash waters". Letter states "[t]he most desirable system to provide proper disposal facilities in a single facility rather than in separate treatment units for each airline. Treatment will probably consist of adequate oil separation and chemical removal of emulsified oils and sludges."

## **[Inter-Office Memorandum dated June 5, 1957 issued by Washington State Pollution Control Commission](#)**

Memorandum reports meeting with Sea-Tac Airport Assistant Manager to discuss fill kill reported by Department of Game. The two agree to write a letter concerning the situation.

## **[Letter dated May 20, 1957 from Washington State Pollution Control Commission](#)**

Letter from Pollution Control Commissions concerning kill of planted trout states "the Sea-Tac airport will have to apply for a waste discharge permit and we will have to run a bio-assay on the existing effluent."

## **[Letter dated March 30, 1954 from State of Washington Pollution Control Commission to Chief Engineer, Port of Seattle](#)**

Letter from Pollution Control Commission to Port concerning waste filtration facilities proposed by Port states "[i]t is our opinion that the installation you proposed will accomplish very little under present conditions" and that " there is a definite need to separate the oily wastes from the storm sewer or to provide adequate treatment for the combined wastes."

## **Letter dated February 15, 1954 from State of Washington Pollution Control Commission to Port of Seattle**

Letter noting that oil separators installed by airline tenants fail to control waste and noting that the Port's proposal to run oily waste through a sand filter "will accomplish very little toward adequately and permanently solving the waste disposal problem." Letter also notes that the Port's airline leases require the Port "to provide adequate waste disposal facilities."

## **Letter dated November 12, 1953 from State Representative Andy Hess (31st District) to State Pollution Control Board**

A scathing letter to the State Pollution Control Commission recapping the events of the past seven years. Representative Hess recounts that a property owner has filed suit for damages, naming the Port of Seattle as defendant, and cites the allegations in the complaint which include ". . . said . . . waters . . . have deposited vast quantities of oil, grease, and foreign and harmful substances upon plaintiffs's soil, impregnating the same so that on 8/19/52 a sample of said soil showed a deposit of oil amounting to 620 gallons per acre." . . . "That said waters, discharged by defendants aforesaid (Port of Seattle), have left a black crusty material on the tree trunks and brush and over the ground which is of sufficient oil content that the same ignites and burns with a smoky oily flame."

## **Letter dated April 22, 1953 from Pollution Control Commission to Port of Seattle**

Letter approving plans for increasing the size of the lagoon for "Plane Wash Waste"

## **Letter dated April 21, 1953 from Port of Seattle to Pollution Control Commission**

Letter stating that the Port is "doubling the size of the lagoon near the sough margin of the airport property."

## **Letter dated March 5, 1953 from Port of Seattle to State Pollution Control Commission**

Letter discussing use of "a separator pit for separating grease and other impurities form plane wash waste before emptying into Port of Seattle drainage system or elsewhere on the property" as a temporary installation "until such time as a permanent system can be developed."

## **Letter dated October 30, 1952 from Leo A. Daly Company to Washington State Pollution Control Commission**

Letter reporting that the results of a laboratory test to dilute waste oil and emulsified oils unsatisfactory.

## **Letter dated September 27, 1951 from Des Moines resident to State Pollution Commission**

Letter concerning "pollution of Des Moines Creek, caused by the dumpling of airplane washings and oil from the Seattle-Tacoma Airport . . ." noting "[t]his condition has existed now for over four years, with the result that a large area of our property has become impregnated with oil and scum due to the overflow from the "settling pit" finding its way into the airport storm sewer."

### **Letter dated January 29, 1951**

Letter from Pollution Control Commission to Northwest Air Lines concerning "accidental spilling of heavy oil in the Northwest Airlines hanger, and failure of the Airlines to keep the oil sump cleaned."

### **Letter dated March 31, 1950 from N.E. Waggoner, Senior Public Health Engineer to Port of Seattle**

Letter noting that "[d]uring a recent inspection of the United Airlines Hanger at the Seattle-Tacoma Airport on March 29, 1950, it was found that employees were dumping oil into the sanitary sewers."

### **Letter dated December 9, 1949 from Assistant Director & Associate Engineer to Chief Engineer, Port of Seattle.**

Letter issued by State Pollution Control Board stating "We are preparing to issue an order requiring complete removal of airplane washings from the storm sewer and from Des Moines Creek. We are convinced that anything less than that will always be subject to accidents and much controversy."

### **Letter dated November 12, 1949 from City of Seattle and King County Department of Public Health to State of Washington Pollution Control Division**

Letter from the Health Department refers complaints regarding the matter of "waste wash water from the Northwest Airlines hanger at Bow Lake Airport" to the State's Pollution Control Commission.

### **Memorandum dated June 25, 1948 from State of Washington Pollution Control Division**

Memorandum of meeting attended by Seattle Port Commissioners, the Port's Chief Engineer, the Director and the Chief Biologist of Washington State Pollution Control Commission. Attendees suggest that the Port "dig a large pit in the vicinity of the hangers where the planes are washed, so as to run the drainage waters into it . . ."

### **Report dated June 8, 1948 from Laucks Laboratories - "Preliminary Report on Contamination at Bow Lake Airport"**

Report describing the material used to wash aircraft and possible means of treatment of this material after the operation of washing aircraft.

### **Letter dated May 26, 1948 from the Port of Seattle**

Letter noting the Port has just completed design of the sewage treatment plant for the airport requests information as to whether the treatment plant will treat the emulsifying agents used to wash airplanes.

### **Memorandum dated April 16, 1948 from State of Washington Pollution Control Commission**

Memorandum relates Port of Seattle Chief Engineer stating that since the Port commissioners had requested the airlines cease polluting Des Moines Creek he assumed the airlines had ceased doing so and that "the rest is up to the State Pollution Control Commission." Memo includes a citation of letter from attorney representing airline tenant and states "we feel that at an early date the Port of Seattle will recognize its obligations both to us and to the State and thereupon undertake corrective procedures."

### **Letter dated April 15, 1948 from Port of Seattle to Northwest Airlines**

Letter references previous correspondence with the airline tenants concerning "pollution that is taking place in Des Moines Creek" and alleges that continued discharges of detergent into Des Moines creek by the tenant constitutes a violation of the tenants lease with the Port.

### **Letter dated January 27, 1948 from State of Washington Department of Game to President of the Angle Lake Community Club**

Letter acknowledging receipt of a resolution of the Angle Lake Community Club and requesting that the Department of Game replant fish in the stream "which originates in Bow Lake". The Department of Game writes "[w]e do not feel justified in making plants of valuable fish if they are to be periodically subjected to the lethal effluence from the airport."

### **Letter dated December 17, 1947 from Washington State's Pollution Control Commission to Airline Tenant at Sea-Tac Airport**

Letter discusses that "[i]nvestigation has disclosed that the caustic materials used in washing the airplanes drain into Des Moines Creek and have killed all the fish." The letter requests that other means of disposing of drainage "be inaugurated at once."

### **Petition dated November 17, 1947 from property owners to State Pollution Control Commission**

Petition signed by nine property owners near Sea-Tac airport requesting that the State take action "to compel the Seattle Tacoma Airport at Bow Lake to cease pollution of the waters of the Des Moines Creek by drainage from the hangers."

### **Memorandum dated November 12, 1947 from State of Washington Pollution Control Division to its Chief Biologist**

Memorandum describing an inspection which revealed that drainage from "Bow Lake Airport" (Former name for Sea-Tac Airport) "finds its way into Des Moines Creek" and that dead fish had been noticed in the stream.

### **Letter dated October 6, 1947 from Lauck's Laboratories Inc. to Port of Seattle**

Letter from testing laboratory to Port of Seattle Chief Engineer describing how cleaning detergents and emulsifying agents used at the airport are being rinsed into local storm sewers.

## Discharge Monitoring Report (DMR) for Outfall No. SDN 2 (Discharge No. 007) December 1996 (Report indicates glycol concentration of 3635 mg/L)

PERMITTEE NAME/ADDRESS  
(Include Name/Location if different)

NAME SEA-TAC INTERNATIONAL AIRPORT  
ADDRESS PORT OF SEATTLE  
SEATTLE, WA 98111  
FACILITY SAME AS ABOVE  
LOCATION PO BOX 1209, SEATTLE, WA 98111

NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES)  
DISCHARGE MONITORING REPORT (DMR)

#681

|               |                  |
|---------------|------------------|
| WA-0024651    | 007              |
| PERMIT NUMBER | DISCHARGE NUMBER |

(SDN 2)

|  |
|--|
| Discharge Location<br>Lat 47° 28' 00" N<br>Long 122° 18' 28" W |
|--|

\*STORMWATER

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 1996              | 12 | 01  |    | 1996 | 12 | 31  |

NOTE: Read instructions before completing this form

| PARAMETER                     | QUANTITY OR LOADING |         |         |        | QUALITY OR CONCENTRATION |         |          |       |        |                       |             |
|-------------------------------|---------------------|---------|---------|--------|--------------------------|---------|----------|-------|--------|-----------------------|-------------|
|                               | Sample Measurement  | Average | Maximum | Units  | Minimum                  | Average | Maximum  | Units | No. Ex | Frequency of Analysis | Sample Type |
| TOTAL AMMONIA                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 166 ug/L | mg/L  | NA     | 2/31                  |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT   |       |        | 4/YR                  | COMP        |
| TOTAL GLYCOLS                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 3635     | mg/L  | NA     | 6/31                  |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT   |       |        | 4/YR                  | COMP        |
| PRIORITY POLLUTANT METALS*    | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | No DATA  | mg/L  | NA     | 2/31                  |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT   |       |        | 4/YR                  | COMP        |
| SURFACTANTS                   | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | No DATA  | mg/L  | NA     | 2/31                  |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT   |       |        | 4/YR                  | COMP        |
| TPH                           | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | No DATA  | mg/L  | NA     | 2/31                  |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT   |       |        | 4/YR                  | GRAB        |
| ANY DEICING EVENTS THIS MONTH | Sample Measurement  | *****   | YES     | YES/NO | *****                    | *****   | *****    | ***   | NA     |                       |             |
|                               | Permit Requirement  | *****   | REPORT  |        | *****                    | *****   | *****    |       |        |                       |             |
|                               | Sample Measurement  |         |         |        |                          |         |          |       |        |                       |             |
|                               | Permit Requirement  |         |         |        |                          |         |          |       |        |                       |             |

|  |   |   |   |
|--|---|---|---|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><br><u>Michael D. Feldman, Director</u><br><small>TYPED OR PRINTED</small><br>Aviation Professional and Technical Services | I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROVEHLE MATTER AND EVALUATE THE INFORMATION SUBMITTED. BASED ON MY INSPECTION OF THE RECORDS OF PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR GATHERING THE INFORMATION, THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. | TELEPHONE NUMBER<br><br><u>(206) 439-7706</u><br><small>AREA CODE</small> | DATE<br><br><div style="text-align: center; font-size: 2em; font-weight: bold;">97 01 28</div> <small>YEAR MONTH DATE</small> |
| SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br>   |   |   |   |





# Discharge Monitoring Report (DMR) for Outfall No. SDN 2 (Discharge No. 007) November 1996 (Report indicates glycol concentration of 1925 mg/L)

EMITTER NAME: JESS  
Include Name/Location if Different:  
NAME SEA-TAC INTERNATIONAL AIRPORT #681  
ADDRESS PORT OF SEATTLE  
SEATTLE, WA 98111  
FACILITY SAME AS ABOVE  
LOCATION PO BOX 1202, SEATTLE, WA 98111

NATIONAL POLLUTANT DISCHARGE MONITORING SYSTEM (NPDES)  
**DISCHARGE MONITORING REPORT (DMR)**

(SDN 2)

|               |                  |
|---------------|------------------|
| WA-0024651    | 007              |
| PERMIT NUMBER | DISCHARGE NUMBER |


Discharge Location  
Lat 47° 28' 00" N  
Long 122° 18' 28" W

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 96                | 11 | 01  |    | 96   | 11 | 30  |

\*STORMWATER

NOTE: Read instructions before completing this form

| PARAMETER                     | QUANTITY OR LOADING |         |         |        | QUALITY OR CONCENTRATION |         |         |       |        |                       |             |
|-------------------------------|---------------------|---------|---------|--------|--------------------------|---------|---------|-------|--------|-----------------------|-------------|
|                               | Sample Measurement  | Average | Maximum | Units  | Minimum                  | Average | Maximum | Units | No. EX | Frequency of Analysis | Sample Type |
| TOTAL AMMONIA                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | N/D     | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| TOTAL GLYCOLS                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 1925    | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| PRIORITY POLLUTANT METALS*    | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | N/D     | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| SURFACTANTS                   | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | N/D     | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| TSS                           | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | N/D     | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | GRAB        |
| ANY DRICING EVENTS THIS MONTH | Sample Measurement  | *****   | 1/125   | YES/NO | *****                    | *****   | *****   | ***   | NA     |                       |             |
|                               | Permit Requirement  | *****   | REPORT  |        | *****                    | *****   | *****   |       |        |                       |             |
|                               | Sample Measurement  |         |         |        |                          |         |         |       |        |                       |             |
|                               | Permit Requirement  |         |         |        |                          |         |         |       |        |                       |             |

|  |  |  |      |       |      |
|--|--|--|------|-------|------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><br><u>Michael D. Feldman, Director</u><br>Typed or Printed<br>Aviation Professional and<br>Technical Services | I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER THE DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY OBTAIN AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INQUIRY OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR OBTAINING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. | TELEPHONE NUMBER<br><br>206 1439-7706<br>AREA CODE | DATE |       |      |
|  |  |  | 96   | 12    | 19   |
|  | SIGNATURE OF PRINCIPAL EXECUTIVE OFFICER OR AUTHORIZED AGENT<br>   |  | YEAR | MONTH | DATE |



REVIEW AND EXPLANATION OF ANY VIOLATIONS (Reference all attachments here)  
ATTACH THE LABORATORY REPORT.

Page 11 of 11

# Discharge Monitoring Report (DMR) for Outfall No. SDS 1 (Discharge No. 003) November 1996 (Report indicates glycol concentration of 2859 mg/L)

SMITTS BAW/A 485  
include Name/Location if different:

NATIONAL POLLUTANT DISCHARGE PERMIT SYSTEM UNDER  
DISCHARGE MONITORING REPORT (DMR)

(SDS 1)

NAME SEA-TAC INTERNATIONAL AIRPORT #681  
ADDRESS PORT OF SEATTLE  
SEATTLE, WA 98111  
FACILITY SAME AS ABOVE  
LOCATION PO BOX 1292, SEATTLE, WA 98111

|               |                  |
|---------------|------------------|
| NA-0024651    | 003              |
| PERMIT NUMBER | DISCHARGE NUMBER |

|  |
|--|
| Discharge Location<br>Lat 47° 26' 00" N<br>Long 122° 18' 01" W |
|--|

\*STORMWATER

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 96                | 11 | 01  |    | 96   | 11 | 30  |

NOTE: Read instructions before completing this form

| PARAMETER                     | QUANTITY OR LOADING |         |         |        | QUALITY OR CONCENTRATION |         |         |       |        |                       |             |
|-------------------------------|---------------------|---------|---------|--------|--------------------------|---------|---------|-------|--------|-----------------------|-------------|
|                               | Sample Measurement  | Average | Maximum | Units  | Minimum                  | Average | Maximum | Units | No. Ex | Frequency of Analysis | Sample Type |
| TOTAL AMMONIA                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | ND      | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| TOTAL GLYCOLS                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 2859    | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| PRIORITY POLLUTANT METALS*    | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | ND      | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| SURFACTANTS                   | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | ND      | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | COMP        |
| TPH                           | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | ND      | mg/L  | NA     |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |        | 4/YR                  | GRAB        |
| ANY DEICING EVENTS THIS MONTH | Sample Measurement  | *****   | YES     | YES/NO | *****                    | *****   | *****   | ***   | NA     |                       |             |
|                               | Permit Requirement  | *****   | REPORT  |        | *****                    | *****   | *****   |       |        |                       |             |
|                               | Sample Measurement  |         |         |        |                          |         |         |       |        |                       |             |
|                               | Permit Requirement  |         |         |        |                          |         |         |       |        |                       |             |

|   |  |  |  |    |    |    |      |       |      |
|---|--|--|--|----|----|----|------|-------|------|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><br><u>Michael D. Feldman, Director</u><br><small>TYPED OR PRINTED</small><br>Aviation Professional and<br>Technical Services | I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY GATHER AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY INSPECTION OF THE PERSON OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS DIRECTLY RESPONSIBLE FOR OBTAINING THE INFORMATION. THE INFORMATION SUBMITTED IS, TO THE BEST OF MY KNOWLEDGE AND BELIEF, TRUE, ACCURATE, AND COMPLETE. I AM AWARE THAT THERE ARE SIGNIFICANT PENALTIES FOR SUBMITTING FALSE INFORMATION, INCLUDING THE POSSIBILITY OF FINE AND IMPRISONMENT FOR KNOWING VIOLATIONS. | TELEPHONE NUMBER<br><br>(206) 439-7706<br><small>AREA CODE</small> | DATE<br><br><table style="width: 100%; text-align: center;"> <tr> <td style="font-size: 2em;">96</td> <td style="font-size: 2em;">12</td> <td style="font-size: 2em;">19</td> </tr> <tr> <td>YEAR</td> <td>MONTH</td> <td>DATE</td> </tr> </table> | 96 | 12 | 19 | YEAR | MONTH | DATE |
| 96  | 12   | 19   |  |    |    |    |      |       |      |
| YEAR  | MONTH  | DATE   |  |    |    |    |      |       |      |



# Discharge Monitoring Report (DMR) for Outfall No. SDS 3 (Discharge No. 005) November 1996 (Report indicates glycol concentration of 194 mg/L)

PERMITTEE NAME/ADDRESS  
 (Exclude Name/Location if different)  
 NAME SEA-TAC INTERNATIONAL AIRPORT #691  
 ADDRESS PORT OF SEATTLE  
SEATTLE, WA 98111  
 FACILITY SAME AS ABOVE  
 LOCATION PO BOX 1209, SEATTLE, WA 98111

NATIONAL POLLUTANT DISCHARGE REGULATION SYSTEM (NPDES)  
 DISCHARGE MONITORING REPORT (DMR)

WA-0024651  
 PERMIT NUMBER

005  
 DISCHARGE NUMBER

(SDS 3)

Discharge Location  
 Lat 47° 25' 34" N  
 Long 122° 18' 30" W

\*STORMWATER

| MONITORING PERIOD |    |     |    |      |    |     |
|-------------------|----|-----|----|------|----|-----|
| YEAR              | MO | DAY | TO | YEAR | MO | DAY |
| 96                | 11 | 01  |    | 96   | 11 | 30  |

NOTE: Read instructions before completing this form

| PARAMETER                     | QUANTITY OR LOADING |         |         |        | QUALITY OR CONCENTRATION |         |         |       |         |                       |             |
|-------------------------------|---------------------|---------|---------|--------|--------------------------|---------|---------|-------|---------|-----------------------|-------------|
|                               | Sample Measurement  | Average | Maximum | Units  | Minimum                  | Average | Maximum | Units | No. Ex. | Frequency of Analysis | Sample Type |
| TOTAL AMMONIA                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 40.01   | mg/L  | NA      |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |         | 4/YR                  | COMP        |
| TOTAL GLYCOLS                 | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 194     | mg/L  | NA      |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |         | 4/YR                  | COMP        |
| PRIORITY POLLUTANT METALS*    | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 0.06 Zn | mg/L  | NA      |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |         | 4/YR                  | COMP        |
| SURFACTANTS                   | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 40.025  | mg/L  | NA      |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |         | 4/YR                  | COMP        |
| TPH                           | Sample Measurement  | *****   | *****   | ***    | *****                    | *****   | 40.25   | mg/L  | NA      |                       |             |
|                               | Permit Requirement  | *****   | *****   |        | *****                    | *****   | REPORT  |       |         | 4/YR                  | GRAB        |
| ANY DEICING EVENTS THIS MONTH | Sample Measurement  | *****   | YES     | YES/NO | *****                    | *****   | *****   | ***   | NA      |                       |             |
|                               | Permit Requirement  | *****   | REPORT  |        | *****                    | *****   | *****   |       |         |                       |             |
|                               | Sample Measurement  |         |         |        |                          |         |         |       |         |                       |             |
|                               | Permit Requirement  |         |         |        |                          |         |         |       |         |                       |             |

|   |   |                                      |      |    |    |
|---|---|--------------------------------------|------|----|----|
| NAME/TITLE PRINCIPAL EXECUTIVE OFFICER<br><br>Michael D. Feldman Director | I CERTIFY UNDER PENALTY OF LAW THAT THIS DOCUMENT AND ALL ATTACHMENTS WERE PREPARED UNDER MY DIRECTION OR SUPERVISION IN ACCORDANCE WITH A SYSTEM DESIGNED TO ASSURE THAT QUALIFIED PERSONNEL PROPERLY CONTRL AND EVALUATE THE INFORMATION SUBMITTED, BASED ON MY KNOWLEDGE OF THE PERSONS OR PERSONS WHO MANAGE THE SYSTEM, OR THOSE PERSONS | TELEPHONE NUMBER<br><br>206.430-7706 | DATE |    |    |
|   |   |                                      | 91   | 12 | 19 |

Michael D. Feldman, Director

TYPED OR PRINTED

Aviation Professional and  
Technical Services

IDENTITY OF THE PERSONS OR PERSONS WHO  
MANAGE THE SYSTEM, OR THOSE PERSONS  
DIRECTLY RESPONSIBLE FOR GATHERING THE  
INFORMATION, THE INFORMATION SUBMITTED  
IS, TO THE BEST OF MY KNOWLEDGE AND  
BELIEF, TRUE, ACCURATE, AND COMPLETE. I  
AM AWARE THAT THERE ARE SIGNIFICANT  
PENALTIES FOR SUBMITTING FALSE  
INFORMATION, INCLUDING THE POSSIBILITY  
OF FINE AND IMPRISONMENT FOR KNOWING  
VIOLATIONS.

*Michael D. Feldman*  
SIGNATURE OF PRINCIPAL EXECUTIVE  
OFFICER OR AUTHORIZED AGENT

(206) 439-7706  
AREA CODE

|      |       |      |
|------|-------|------|
| 96   | 12    | 19   |
| YEAR | MONTH | DATE |

THIS IS A REPORT OF AN VIOLATION (Reference all attachments here)  
ATTACH THE LABORATORY REPORT.