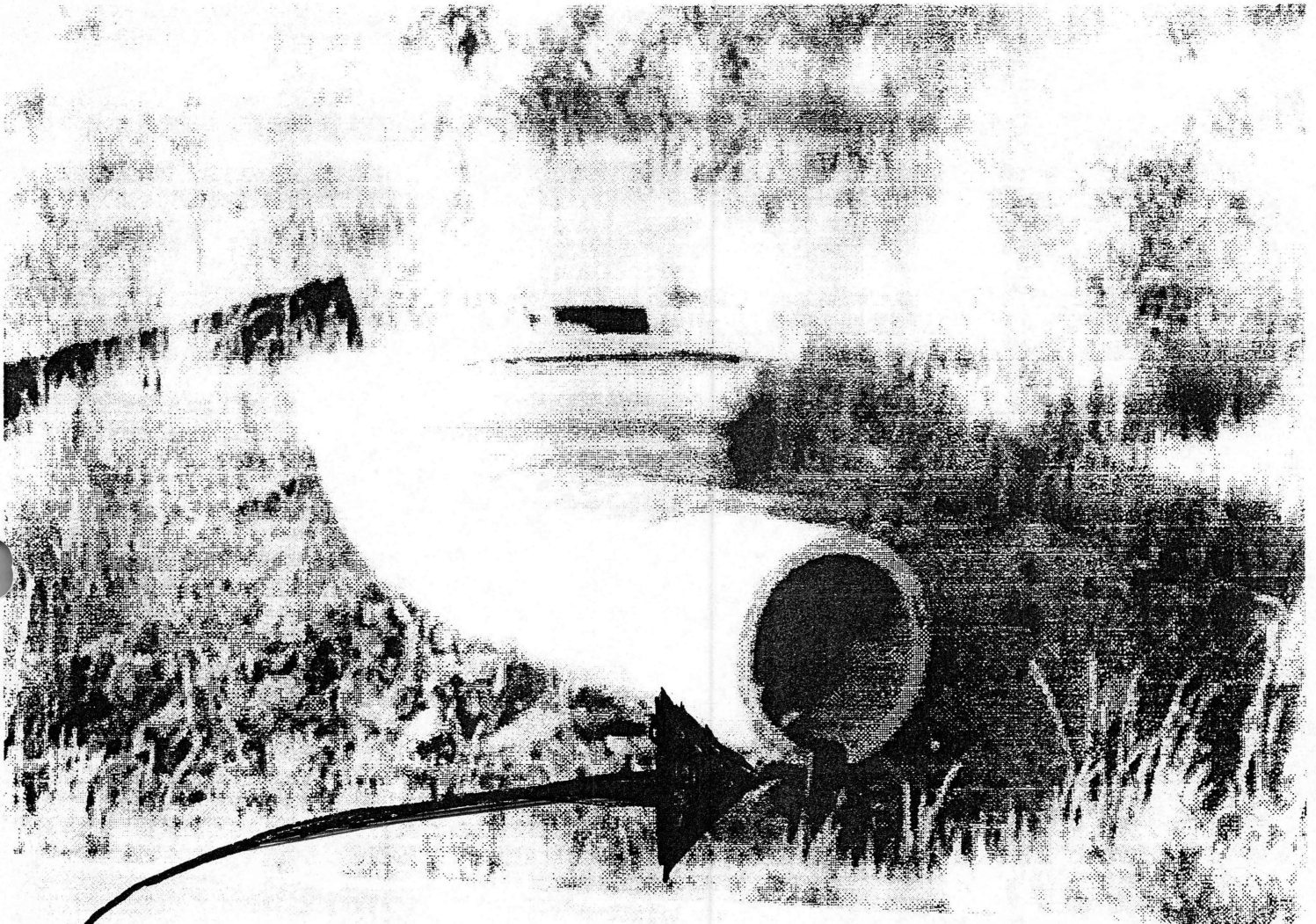


# No impact on Ground Water ?



## Seattle-Tacoma International Airport Outfall 007 (SDN 2)

Location : Just south of well head that supplies **drinking water** to the Seattle area,

- south side of S154 St near landing light towers on north end of airport
- approximately 2000 feet southwest of Reba Detention facility

According to EPA NPDES Form 3510-2F :

- Receiving water : **Miller Creek** via Reba Lake
- Pollutants include **grease** and **oil** as well as possibly **glycols**

Photographed 19 May 1997 in dry weather

A. Brown  
239 SW 189 PI  
Seattle, WA 98166  
8 June 1997  
Page 2 of 4 (including cover page)

Dept. of Ecology  
3190 160th Ave SE  
Bellevue, WA 98008  
(425)649-7251

Attention : Mr. Roger Nye

Subject : Comments on DOE and Port of Seattle Agreement for Ground Water  
Study at Airport

These comments are in addition to those made at the 21 May 1997 public meeting at the Burien library and do not replace those comments.

The limited scope and nature of the study will yield overly optimistic results. It will not identify the magnitude of the existing water pollution or provide sufficient basis to predict the contamination levels if the Third runway is built. The Expert Noise panel in theory was not suppose to be addressing the Third Runway but in the end their results were twisted and applied to the Third runway. This study needs to openly address Master Plan Update impacts.

#### **Detailed Study Area Too Small**

The detailed study area needs to be expanded to include the fuel depot, outfalls, Lake Reba and all significant pollution sites related to the airport. How can you ignore outfalls? See photograph of oil and grease on cover.

#### **Study needs to address ground water Location changes**

Construction including vast quantities of fill have already apparently changed ground water paths as evidenced by it bubbling up for the first time in new locations west of the airport during recent storms. The impact of putting about 80,000,000,000 pounds (**80 billion pounds - this is not a misprint**) of fill needs to be evaluated considering the damage a tiny fraction of that has already caused.

#### **Accurate Soil Characteristics Needed for Model input**

The models need to be reviewed to determine if they can realistically handle the peat bogs and seismic anomalies in the area. If the models do not reflect the uniqueness of the soil they will underestimate the pollution.

According to the Master Plan Update FEIS, the 1952 soil study is out of date. A new soil study is needed to obtain accurate data for the water modeling. Various excavation, land fill and demolition activities have occurred in the area changing the ground characteristics. The proposed construction projects will further change the composition of the soil and create a huge hole in Des Moines.

**Study needs to consider planned construction**

SASA maintenance facility

North parking lot on the well head

Master Plan Update including moving miles of creeks

Excavation of over 12 million cubic yards of fill around airport  
etc.

**Study and Model Need to Reflect actual conditions**

Age of equipment and lines (probable leaks)

The absence of the required detention liner for over 20 years

Existence of about 500 abandoned underground tanks with oil

Contamination around Walker Creek discussed at May 21 Public Hearing

The release of untreated ethylene glycol and propylene glycol

(Port agreed to revise EIS that erroneously reported that glycols were treated)

**Study needs to identify impact of jet fuel leaks to drinking water**

Careful correlation of diarrhea and severe cramps with "contained" jet fuel leaks and uncontained jet fuel leaks leads me to believe the aquifer is currently being contaminated by the airport. Has the Burien water main been contaminated?

The scope of the study needs to be expanded to prove what my body has learned the hard and painful way.

**Request timing of samples be specified**

A minimum set of sampling intervals and conditions need to be specified in order to ensure a meaningful study. This should include conditions such as

1) storms without deicing

2) storm samples taken at the beginning, middle and then end of a deicing period

3) samples within 30 minutes of heavy rain after a dry period

**Request Citizen Group sampling be permitted**

Add provisions to allow citizen groups, namely CASE and RCAA, to obtain samples on Sea-Tac Airport property and arrange for tests. These can be in conjunction with tests planned as a part of this study but also at other locations and times such as at the outfalls that are not currently addressed.

**Need Long Term Drinking Water Impacts**

The maps indicating 10 year capture zones around wells near to be changed to the reflect the normal life expected, in the absence of Sea-Tac airport contamination, such as 100 to 200 years.

**Comments on 21 May 1997 Public Meeting**

The numerous large yawns of a particular government representative (whose name I've left off intentionally) appeared indicative of the attitude toward the comment process. The large yawns were very distracting during the formal comment period.

It also appeared that certain government representatives were intentionally verbose, stalling so as provide the public less opportunity to ask questions and make comments. Numerous people in the audience commented on this as we left the meeting. I raised my hand almost every time during the question and answer period but was not given the opportunity to ask any questions.

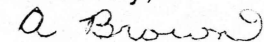
**Unavailability of Agreement to Review**

The document was not available to review at the Valley View Library as announced in the newspaper. Also, it was only available in one local library even though the drinking water impacts the entire Seattle area, not just the airport area.

**Inadequate review time considering review processes conflicts**

There was inadequate review time considering the Master Plan Update SEIS, the EPA NPDES permit and this Ground Water Study document all need to get reviewed at the same time.

Sincerely,



A. Brown

Pager (206) 654-1533

Home (206) 431-8693 or you may reach me through the CASE or RCAA offices



Pond

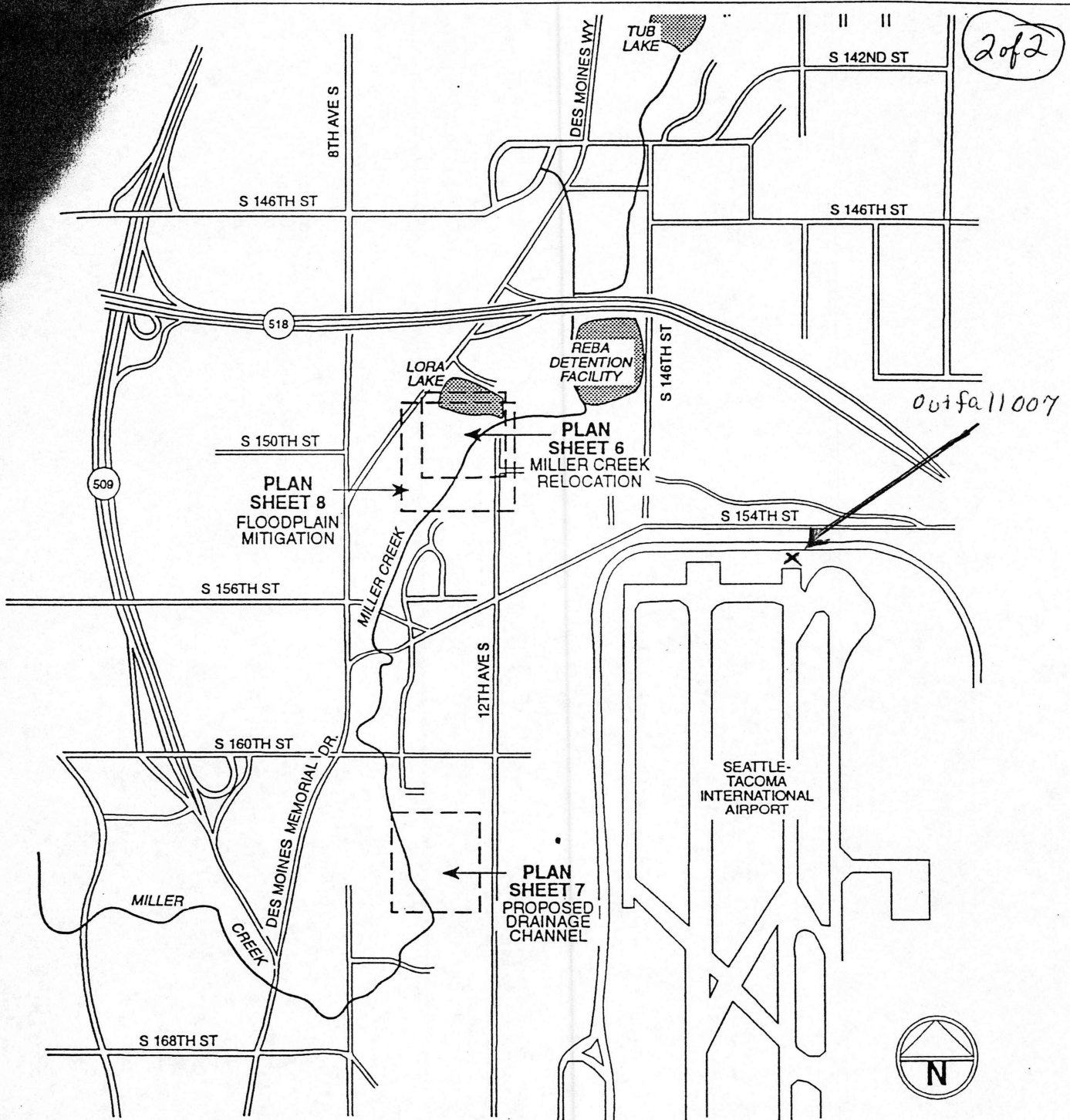
5/20/97  
outfall '7

Copy of polaroid photograph passed around  
Room at Burien Library Public Meeting by  
Derek Brown on May 21, 1997. Same  
outfall as A. Brown comments but  
photographed one day later on 20 May  
1997.

Derek Brown  
239 SW 189 PL  
Seattle WA 98166  
10 June 1997

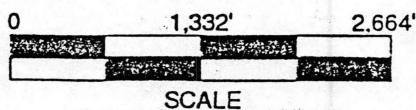
FROM: "Miller Creek Relocation Plan for Proposed Master Plan Update Improvements at Seattle-Tacoma International Airport", Parametrix Inc. Dec 1996

2 of 2



PURPOSE: IMPLEMENTATION OF THE MASTER PLAN UPDATE SEATTLE-TACOMA INTERNATIONAL AIRPORT

MILLER CREEK RELOCATION VICINITY MAP



PROPOSED MILLER CREEK RELOCATION

IN: SECTION 20, TOWNSHIP 23N, RANGE 4E  
 COUNTY OF: KING STATE: WA  
 APPLICATION BY: PORT OF SEATTLE  
 SHEET 5 of 44 DECEMBER 1996