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February 4, 2002

EXHIBIT # 409
DEP Ellingson
DATE 2-20-02

BY: CHERYL J. HAMME, P

Writer's Direct Line
(206) 292-2657
stan@martenbrown.com

Via Legal Messenger

Andrea Grad
Helsell Fetterman, LLP
1325 Fourth Avenue, Suite 1500
Seattle, WA 98111

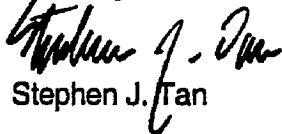
RECEIVED
AFG
FEB 04 2002
425
HELSELL FETTERMAN LLP

RE: *ACC v. Port of Seattle, et al.*

Dear Andrea

Enclosed please find a CD-Rom containing data files held by Pacific Groundwater Group, along with copies of all e-mails containing information upon which Charles Ellingson and PGG relied in formulating their opinions and conclusions. Thanks you for your attention to this matter.

Sincerely,


Stephen J. Tan

SJT:tc
Enclosures

cc: (w/o encl.) Steve Jones
Joan Marchioro



AR 021880

Charles Ellingson

From: Joe Brascher [brascher2@home.com]

Sent: Friday, October 19, 2001 10:01 AM

To: Pony@PGWG.com

Hi Pony,

I think we have figured out what the impervious surface runoff spike is all about. It appears that once the volume of water drops below a certain threshold(very small number) then it just dumps the rest of the water out in one time step. Since this is so small it should not impact things much. Thanks Joe

Charles Ellingson

From: Joe Brascher [brascher@aquaterra.com]

Sent: Wednesday, October 17, 2001 12:55 PM

To: Pony@PGWG.com

Cc: Tracy Kenward

Hi Pony,

I have attached a spreadsheet that includes the time series you have requested. There are two columns. Column 1 includes the hourly volume of groundwater inflow in cubic inches. Column 2 includes the hourly surface runoff in cubic inches. These are unit area runoff volumes for 1 acre.

If you need anything else please let me know.

Thanks Joe

Charles Ellingson

From: Joe Brascher [brascher@aquaterra.com]
Sent: Tuesday, October 16, 2001 2:33 PM
To: Charles Ellingson
Subject: Re:

Ok just to be sure. I am going to give you two time series. I am going to give you a time series of surface runoff from impervious area(runways) normalized for 1 acre in units of ??? (Is inches ok please let me know). And a time series of pervious seepage(the water that passes through the surface) also normalized for 1 acres. Is this OK. If so then great I will send you these time series as soon as possible. If not please tell me exactly what you are expecting. Thanks Joe

----- Original Message -----

From: Charles Ellingson
To: Joe Brascher
Sent: Tuesday, October 16, 2001 11:56
Subject: RE:

OK. A reminder = please describe exactly what you did and exactly what you are giving us. And also remember we dont know HSPF jargon like you do.

-----Original Message-----

From: Joe Brascher [mailto:brascher@aquaterra.com]
Sent: Tuesday, October 16, 2001 11:51 AM
To: Pony@PGWG.com
Subject:

Hi Pony,

I certainly can give you the complete time series. That is less work for me. I have actually run the model and generated a timeseries of impervious runoff plus precip. I have not looked at the results. Soooooo anyways I will send you the impervious and pervious timeseries and let you inject the flow into the pervious groundwater. Joe