"Rite in the Rain"®
ALL-WEATHER WRITING PAPER

# LEVEL

All-Weather Notebook
**No. 311**

SEDIMENT SAMPLING
of Stormwater Structures
@ King County International
Airport

4 5/8" x 7" - 48 Numbered Pages

KCSlip4 56976

SEA423288

Contacts

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Industrial Waste Specialists

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(Dave was our escort 6/1/06)

06/06/01 Conducted a reconnaissance of ALL the sample sites.

DLH + TH + BT

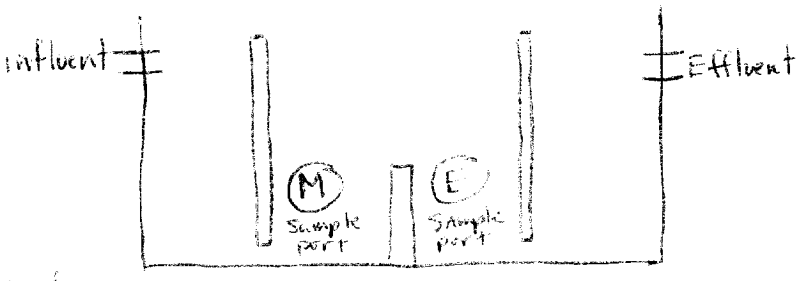
Note: Catch Basin #1741 not in operation - dry. It will be canceled from sampling plan per BT

8:30-12:00

(Dave was our escort 6/6/06)

060606 SITE 1757
DLH Collected 2 Samples
& KC1A-1757-060606 (Middle)
TH + KC1A-1757-060606 (Effluent)

Collection duration: 8:15-10:15




Notes:

(M)-(middle) a little bit of orange/rust in sediment. Very little oil sheen. Dark sandy texture. (Not much sediment @ Bottom)

(E)-(Effluent) Greyish color slurry possibly asphalt/concrete slurry. Oil sheen on top of slurry. (lots of thick greyish sediment @ Bottom).
Poured a portion of (E) into a seperate container took pH reading = 6.30 @ 0935

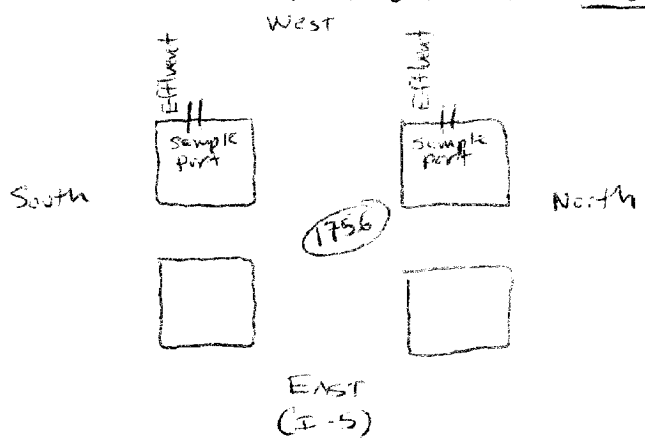
060606 SITE 1756

DLH + TH

Collected

KCIA - 1756 - 060606

Collection duration: 10:30 - 11:45




Notes:

Collected 50% from each side - mixed in bowl.
Collected from 1ST chambers next to Effluent
The sediment is more of a sludge consistency than site # 1757.

060606 Site: 1680

DUH Collected

KC1A-1680-060606

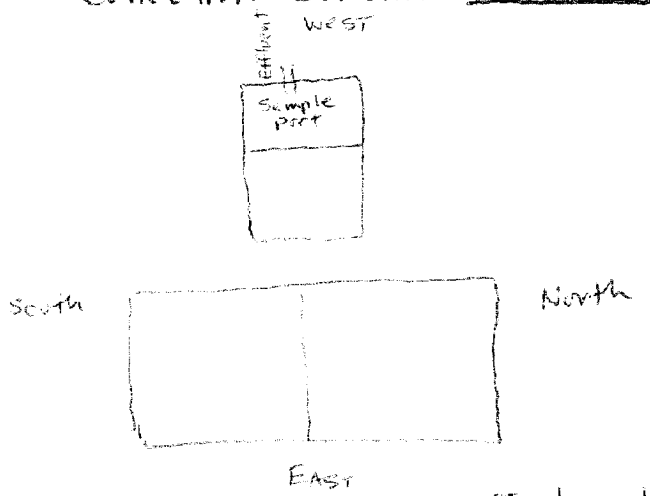
&

TH AND

KC1A-1680FD-060606

(Field Dup. for PCB + TS only)

Collection Duration: 12:40-13:45




Notes: Sampled from 1ST chamber next to Effluent

Some orange/rust in sample possibly coming off metal baffles

* Field Duplicate was collected in the same homogenized mixing bowl as Orig.

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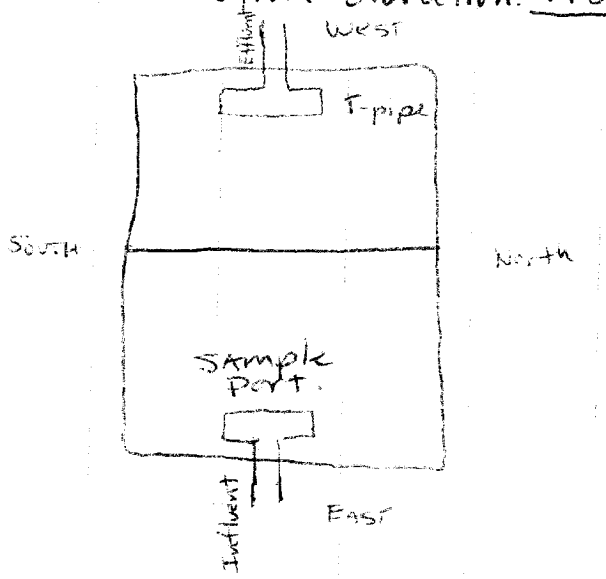
060606 SITE# 1670
DLH Collected
& KC1A-1670-060606
TH

Collection duration: 14:00-15:00




Notes: Very little sediment.
Not enough sediment in 1st chamber (next to Effluent).
The samples were collected in 2nd chamber by Inlet T-pipe.
Note: ONLY 2 chambers in vault.

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SEA423294

060606 SITE # 1591 Additional Sampling
DLA
&
TH

After seeing this site during the reconnaissance on 6/1/06
- Appeared to have oil & sludge from truck washing

Collected a Fecal sample FC-MPN @ 1515 #639394-1 (collected in an autoclaved 500 ml micro container from KCEL).
Collected a Total FOG sample @ 1510 (outside of the Effluent T-pipe)

Note: Due to the Total FOG sample being collected outside of T-pipe Bruce Tiffany decided to cancel the analysis. The correct sample collection point is inside the T-pipe.

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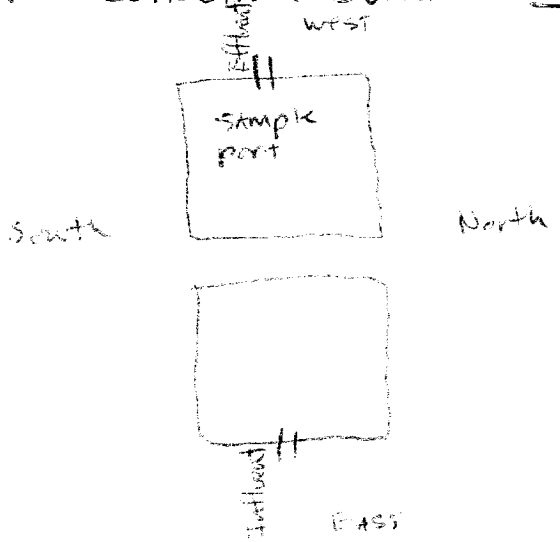
SEA423295

(Sandy was our escort 6/7/06)

060607 Site #1650
Collected
DLH KC1A-1650-060706
&
TH Collection Duration: 10:50-11:50

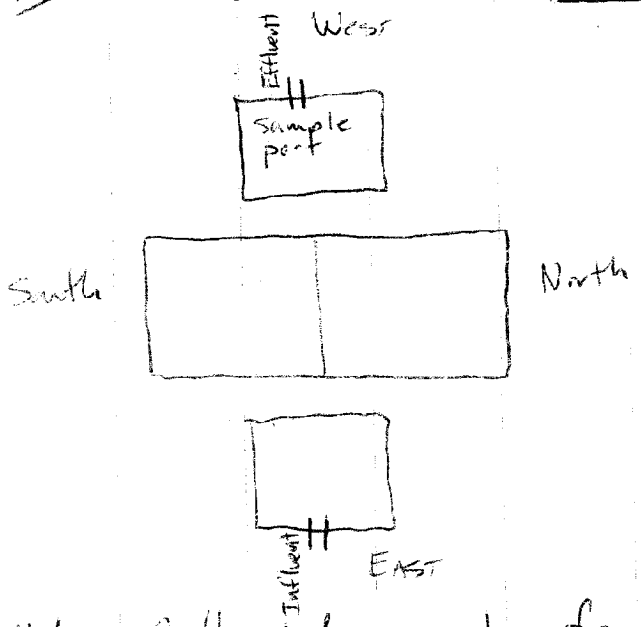



Notes Oil sheen on-top of sediment
Collected samples from 1st chamber next to Effluent

060607 Site # 1657

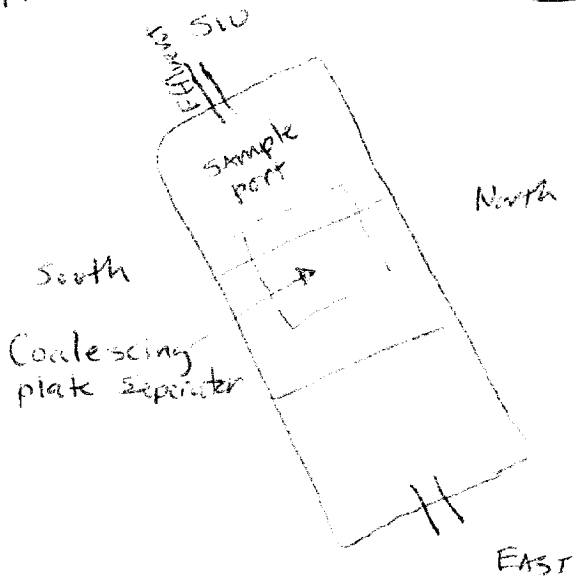
DLH Collected
KCIA-1657-060706

TH Collection duration 12:10-13:00.




Notes: Collected samples from 1st chamber next to Effluent pipe.

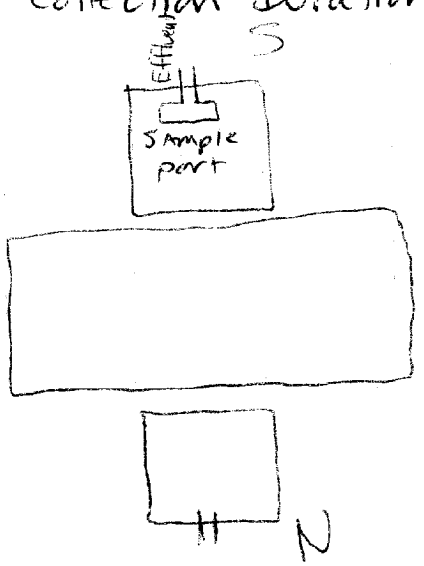
060607 SITE #1640
DLH Collected
KC1A-1640 060706
&
TH Collection duration: 14:30-15:20




Notes: Appears to have the deepest amt. of sediment
Oil sheen on-top of sediment
& Coalescing plate separator (CPS)

(No escort required)

060608 Site # 1541
DLH Collected
KCIA-1541-060806
&
TH Collection Duration: 13:00-14:00




Notes: large amts of oil
stainless steel container - covered w/ oil on outside after dipping into 1st chamber (next to Effluent T-pipe)
Large amt. of sludge/sediment @ Bottom.
* took pictures of site *