158315

①

AUGET SITES

① John Hurleys Lab
② Sauget Site
③ 3-28-91
④ 5 water, 13 soil, 1 trip
⑤ Bob Stalter
⑥ 5-29-91
⑦ D190894 — D190912
⑧ For target compound list

Letter of Transmittal

① Site Information listed - yes
② Sample Identified by batch no. - yes
③ Date samples received by lab noted - yes, but wrong on the chain-of-custody all were received on March 28, 1991 not as indicated on the Case narrative page of March 27, 1991.
④ All TAT times are assumed be 30 calendar days. Samples were received at Hurleys on 3-28-91 and not received here until May 23, 1991. This is a 56 day TAT.
⑤ TAT is expected to be 30 days

Tabulated Analytical Results

p problem

wide

P ① - pg 14 ∴ (pg) in wrong spot
Lotus printing problem: pg 25 ∴ (pg) in wrong spot
pg 43 ∴ (pg) in wrong spot

V for volatiles under column it is listed as "wide." Should be pack or cap.

TAR cont'd

mistake no % voisy listed

P * Can't find out where detection limit comes from on pesticides / PCB's X101

P * Can't figure out detection limit for X103 p/p [I get 18.9]

P * Data Summary "Form 0" is never filled out for pest / PCB's there is a place for it but it isn't filled out

(4) O.K.

(5) O.K.

(6) Above

(7) OK

P (8) * Percent moisture must be reported to the nearest whole number.

SV, V * Reagent blanks must be numbered as in the SOW. All must be unique Gary's — VBLKW VBLKSL
VBLKTB VBLKSM
SBLKW SBLKSL
PBLKW#1 PBLKS#1

Should be - VBLK1, VBLK2 etc

— Gary's numbering system is very confusing and hard to track, especially when e.g. some volatile samples are analyzed by two different instruments and they just happen to be analyzed on the same day.

SV - Package
Surrogates - O.K.
Matrix Spike / Matrix Spike Duplicate - O.K.
Method Blanks - O.K.
Tuning - O.K.
Internal Standards - X101 - DCB, NPT, ANT, PHN, CRV, PRY
X102 - DCB, NPT, ANT, PHN, CRV, PRY
X114 - DCB, NPT, ANT, PHN, CRV, PRY
X106 - PRY
X114MS - PRY

SV

All out of area

Raw Data

G201 - O.K.	X106 - O.K.	X114 - O.K.
G202 - O.K.	X107 - O.K.	
G203 - O.K.	X108 - O.K.	
G204 - O.K.	X109 - O.K.	
G205 - O.K.	X110 - O.K.	
X101 - O.K.	X111 - O.K.	
X102 - O.K.	X112 - O.K.	
X103 - O.K.	X112RE - O.K.	
X104 - O.K.	X113 - O.K.	

SV, V * the laboratory should ~~circle~~ cross out non hits or circle hits on the quantitation report.

SV, V * the laboratory should only include spectrums of TCL hits. not internal stds. and surrogates.

8 Soil MS/MSD Form 3E
% Recovery for numerous cpds out not flagged
~~% RPD for numerous~~

9 No Form 10 for X101.

10 X106 must be ran by GC/MS if concentration is over 3,330 ug/kg ~~at~~ in Sow it says it depend on Labs Det. limit. (Aroclor 1254)

~~11 On X107 it says at bottom it was ran by GC/MS but Labs fit~~

IN ACCORDANCE WITH SITE MANAGEMENT CRITERIA

Date: _____ R/U Initials: _____

_____ Reviewer Initials: _____

_____ Attorney Initials: _____

SAUGET SITES AREA 1 #46