UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 7
25 FUNSTON ROAD
KANSAS CITY, KANSAS 66115

Date: JAN 31 1992

MEMORANDUM

SUBJECT: Data Transmittal for Activity #: IS651,
Site Desciption: Syntex Facility

FROM: Andrea Jirka
Chief, Laboratory Branch, ENSV

TO: Robert Morby
Chief, Superfund Branch, WSTM

ATTN: Mark Boozina

Attached is the data transmittal for the above referenced site. This should be considered a _____ Partial or X Complete data transmittal (completes transmittal of _____). If you have have any questions or comments, please contact Dee Simmons at 551-5129.

Attachments

cc: Data Files

NOTE: Please see Mary Gerken, SPFD-WSTM, if you want an electronic copy of the data.

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: 09651 SAMNO: 001 QCC: _ MEDIA: WATER PL: S P F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __
LOCATION: VERONA MO PROJECT NUM: 041 PT: LONGITUDE: __ __ __

SAMPLE DES: Groundwater well MW-1
LOCATION: VERONA MO
CASE/BATCH/SMO: _____/_/_____ LAB: ___
STORET/SAROAD NO: _____

	DATE	TIME	FROM REF PT
BEG:	10/31/91	9:00	EAST: ____
END:	10/31/91	9:15	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	VV	VOLATILES ✓
CUBI	5 ML HNO3	UM	METALS ✓ Hg (w/ 334)
GLASS	ICED	WS	SEMIVOLATILES
GLASS	ICED	WP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from well MW-1

- Temp. - 14.2°
- Ph - 6.50
- Cond - 1040

SAMPLE COLLECTED BY : W. J. Snyder

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: 05451 SAMNO: 002 QCC: _ MEDIA: WATER PL: S P F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __

LOCATION: VERONA MO PROJECT NUM: 041 PT: LONGITUDE: ___ __ __

SAMPLE DES: Groundwater Well MW-5 DATE TIME FROM REF PT

LOCATION: VERONA MO BEG: 10/31/91 9 30 EAST: ____

CASE/BATCH/SMO: _____/_/_____ LAB: ___ END: 10/31/91 9 50 NORTH: ____

MTORET/SARDAD NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MVP	NAME
2 VOA VIALS	ICED	VV	VOLATILES ✓
QUART	5 ML HNO3	VM	METALS (except Hg)
GLASS	ICED	VS	SEMIVOLATILES
GLASS	ICED	VP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from Well MW-5

- Temp 16.8
- Ph 6.88, 6.90, 6.88
- Cond. 480, 460, 420

SAMPLE COLLECTED BY : Michael J. Boyden

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: T8A51 SAMNO: 003 QCC: _ MEDIA: WATER PI: S P F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __

LOCATION: VERONA MO PROJECT NUM: A41 PT: LONGITUDE: ___ __ __

SAMPLE DES: Groundwater Well MW-11

	DATE	TIME	FROM REF PT
LOCATION: VERONA MO BEG:	10/31/91	10:05	EAST: ____
CASE/BATCH/SMO: _____/_/______ LAB: ___ END:	10/31/91	10:30	NORTH: ____
STORET/SAROAD NO: ______			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	WV	VOLATILES ✓
CUBI	5 ML HNO3	WM	METALS +Hg [illegible]
GLASS	ICED	WS	SEMIVOLATILES ✓
GLASS	ICED	WP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from Well MW-11

SAMPLE COLLECTED BY : Michael J Waydas

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: 15651 SAMNO: 004 DCC: _ MEDIA: WATER PL: S P F O

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __
LOCATION: VERONA MO PROJECT NUM: A41 PT: LONGITUDE: ___ __ __

SAMPLE DES: Well No ~~WBA~~ MW-16 DATE TIME FROM REF PT
LOCATION: VERONA MO BEG: 10/31/91 10:50 EAST: ____
CASE/BATCH/SMO: _____/_/_____ LAB: ___ END: 10/31/91 11:00 NORTH: ____
STORET/SAROAD NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MNP	NAME
2 VOA VIALS	ICED	WV	VOLATILES ✓
QUART	5 ML HNO3	WM	METALS ~~Fltr~~ (sy M341
GLASS	ICED	WS	SEMIVOLATILES
GLASS	ICED	WP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from well ~~16~~ 16

- Ph 7.30, 7.40, 7.46, 7.46
- T. 15.9°C
- Cond. 290, 280, 260

SAMPLE COLLECTED BY : Michael J. Boyda

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV, 25 FUNSTON RD, KANSAS CITY, KS 66115

FY: 92 ACTNO: 16651 SAMNO: 005 QCC: _ MEDIA: WATER PL: S F F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __
LOCATION: VERONA MO PROJECT NUM: A41 PT: LONGITUDE: ___ __ __

SAMPLE DES: MW-16B
LOCATION: VERONA MO
CASE/BATCH/SMO: _____/_/_____ LAB: ___
STORET/SAROAD NO: _____

DATE TIME FROM REF PT
BEG: 10/31/91 11 : 10 EAST: ____
END: 10 /31 /91 11 : 30 NORTH: ____
DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	WV	VOLATILES ✓
CUBI	5 ML HNO3	WM	METALS
GLASS	ICED	WS	SEMIVOLATILES
GLASS	ICED	WP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample collected from MW-16B

Ph 7.84, 7.88, 7.82, 7.78

T. 15.9°C

Cond. 290, 280

SAMPLE COLLECTED BY : Michael J. Boydas

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: 05651 SAMNO: 906 QCC: _ MEDIA: WATER PL: S P F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __

LOCATION: VERONA MO PROJECT NUM: A41 PT: LONGITUDE: ___ __ __

SAMPLE DES: MW-9

	DATE	TIME	FROM REF PT
LOCATION: VERONA MO	BEG: 10/31/91	11:00	EAST: ____
CASE/BATCH/SMO: _____/_/_____ LAB: ___	END: 10/31/91	11:10	NORTH: ____
STORET/SAROAD NO: _____			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	WV	VOLATILES
CUBI	5 ML HNO3	WM	METALS TAL (w/Hg)
GLASS	ICED	WS	SEMIVOLATILES
GLASS	ICED	WP	PESTICIDES

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from MW-9

Ph 6.88, 6.80, 6.92

T. 15.3 °C

Cond. 780, 770, 760

SAMPLE COLLECTED BY : Michael J. Gaydos

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII
ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: 15451 SAMNO: 007 QCC: _ MEDIA: WATER PL: S P F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __
LOCATION: VERONA MO PROJECT NUM: 441 PT: LONGITUDE: ___ __ __

SAMPLE DES: Groundwater Well MW 15 DATE TIME FROM REF PT.
LOCATION: VERONA MO BEG: 10/31/91 11:35 EAST: ____
CASE/BATCH/SMO: _____/_/_____ LAB: ___ END: 10/31/91 12:05 NORTH: ____
STORET/SAROAD NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	WV	VOLATILES
CUBI	5 ML HNO3	WM	METALS (Pb, Cd, Zn)
GLASS	ICED	WS	SEMIVOLATILES
GLASS	ICED	WP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from MW-15

- Ph : 7.41, 7.38
- T. 13.9°C
- Cond : 520, 540, 480

SAMPLE COLLECTED BY : Michael J. Hayden

DRAFT FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: 05451 SAMNO: 008 QCC: _ MEDIA: WATER PL: S P F O

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __

LOCATION: VERONA MO PROJECT NUM: A41 PT: LONGITUDE: ___ __ __

SAMPLE DES: Groundwater Well MW 15-B

LOCATION: VERONA MO

CASE/BATCH/SMO: _____/_/_____ LAB: ___

STORET/SAROAD NO: _____

	DATE	TIME	FROM REF PT
BEG:	10/31/91	11 : 35	EAST: ____
END:	10/31/91	12 : 05	NORTH: ____
			DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	VV	VOLATILES ✓
CUBT	5 ML HNO3	VM	METALS TAL (Hardness),
GLASS	ICED	VS	SEMIVOLATILES
GLASS	ICED	VP	PESTICIDES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Sample Collected from MW-15B

- Ph 6.62, 6.69, 6.68, 6.69
- T. 15.9°C.
- Cond. 1200, 1400, 1200

SAMPLE COLLECTED BY : Michael J Boydas

DRAFT

FIELD SHEET

U.S. ENVIRONMENTAL PROTECTION AGENCY, REGION VII

ENVIRONMENTAL SERVICES DIV. 25 FUNSTON RD. KANSAS CITY, KS 66115

FY: 92 ACTNO: IS651 SAMNO: 009 QCC: F MEDIA: WATER MI: S P F D

ACTIVITY DES: SYNTEX FACILITY REF LATITUDE: __ __ __

LOCATION: VERONA MO PROJECT NUM: A41 PT: LONGITUDE: ___ __ __

SAMPLE DES: TRIP BLANK DATE TIME FROM REF PT

LOCATION: VERONA MO BEG: 10/31/91 8 :00 EAST: ____

CASE/BATCH/SMO: _____/_/_____ LAB: ___ END: 10/31/91 12 :05 NORTH: ____

STORET/SAROAD NO: _____ DOWN: ____

ANALYSIS REQUESTED:

CONTAINER	PRESERVATIVE	MGP	NAME
2 VOA VIALS	ICED	UV	VOLATILES ✓

COMMENTS: FOR SUPERFUND ONLY: SUBSITE IDENTIFIER: ___ OPERABLE UNIT: ___

Trip F

SAMPLE COLLECTED BY : Michael J. Boyles

CHAIN OF CUSTODY RECORD
ENVIRONMENTAL PROTECTION AGENCY REGION VII

RK 11/4/91

ACTIVITY LEADER(Print)	NAME OF SURVEY OR ACTIVITY	DATE OF COLLECTION (DAY / MONTH / YEAR)	SHEET
M. Goydas (MEE) M. Bogina (EPA.) M. Dolan (BEE)	15651 SYNTEX - Verona Groundwater	31 / 10 / 91	1 of 1

CONTENTS OF SHIPMENT

SAMPLE NUMBER	TYPE OF CONTAINERS: 1-Liter CUBITAINER	80 oz BOTTLE	BOTTLE	BOTTLE	VOA SET (2 VIALS EA)	SAMPLED MEDIA: water	soil	sediment	dust	other	RECEIVING LABORATORY REMARKS/OTHER INFORMATION (condition of samples upon receipt, other sample numbers, etc.)
	NUMBERS OF CONTAINERS PER SAMPLE NUMBER										
15651 001	1.	2.			1.	X					
002	1.	2.			1.						
003	1.	2.			1.						
004	1.	2.			1.						
005	1.	2.			1.						
006	1.	2.			1.						
007	1.	2.			1.						
008	1.	2.			1.						
009 F					1.						
	No other Samples										

DESCRIPTION OF SHIPMENT

33 PIECE(S) CONSISTING OF _____ BOX(ES)

4 ICE CHEST(S); OTHER _____

MODE OF SHIPMENT

_____ COMMERCIAL CARRIER: _____

_____ COURIER

X SAMPLER CONVEYED

(SHIPPING DOCUMENT NUMBER)

PERSONNEL CUSTODY RECORD

RELINQUISHED BY (SAMPLER)	DATE	TIME	RECEIVED BY	REASON FOR CHANGE OF CUSTODY
Michael J. Goydas ☐ SEALED ☐ UNSEALED	10 Sat 11/1/91	8:05 am	Penny Evans ☐ SEALED ☐ UNSEALED	Rec'd @ Lab
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CU
RELINQUISHED BY ☐ SEALED ☐ UNSEALED	DATE	TIME	RECEIVED BY ☐ SEALED ☐ UNSEALED	REASON FOR CHANGE OF CUSTOD

7 EPA-9262(Revised 5/85)

ENVIRONMENTAL SERVICES ASSISTANCE TEAM -- ZONE II

ICF Technology

ManTech Environmental Technology, Inc.

ESAT Region VII
ManTech Env. Tech., Inc.
25 Funston Road
Kansas City, KS 66115
(913) 551-5000

TO: Barry Evans, Data Review Task Monitor/ENSV
THRU: Harold Brown, Ph.D., ESAT Contract Manager/ENSV

FROM: Rebecca K. Estep, ESAT Data Reviewer/ManTech RE RE RE
THRU: Ronald Ross, Manager/ESAT/ManTech

DATE: December 20, 1991
SUBJECT: Review of inorganic data for Syntex Facility.

TID#:	07-9109-016
ASSIGNMENT#:	067
ICF ACCT#:	045-05-016-02
ManTech S.O.#:	1110-016
ESAT Document#:	ESAT-VII-016-5067

These data were reviewed according to the "Laboratory Data Validation Functional Guidelines for Evaluating Inorganic Analyses," July 1, 1988 revision.

The following comments and attached data sheets are a result of ManTech Environmental Technology, Inc.'s review of the above mentioned data from the contract laboratory.

CASE NO.:	17360	LABORATORY:	DATAC
CONTRACT NO.:	----------	METHOD NO:	CS0390I
SITE:	Syntex Facility	ACTIVITY:	IS651
REVIEWER:	Rebecca K. Estep	MATRIX:	Water

Samples for Total Metals and Mercury (Hg) Analysis

SMO SAMPLE NO.	EPA SAMPLE NO.	SMO SAMPLE NO.	EPA SAMPLE NO.
MGH914	IS651982P	MGH920	IS651001
MGH921	IS651002	MGH922	IS651003
MGH923	IS651004	MGH924	IS651005
MGH925	IS651006	MGH926	IS651007
MGH927	IS651008		

6. DUPLICATES

A. Aluminum (Al), chromium (Cr), and copper (Cu) were outside quality control limit requirements in the duplicate analysis. Aluminum (Al) in samples IS651982P, IS651003, IS651005, IS651007, and IS651008 and copper (Cu) in samples IS651001 and IS651002 would have been "J" coded, however, these qualifications were overridden due to the blank rules. Aluminum (Al) in samples IS651001, IS651002, IS651006, IS651002S, and IS651901C, chromium (Cr) in samples IS651982P, IS651001, IS651002, IS651005, IS651006, IS651007, IS651002S, and IS651901C, and copper (Cu) in samples IS651901C and IS651002S were "J" coded due to the duplicate rules.

7. MATRIX SPIKE

A. A matrix spike was analyzed with arsenic (As) and selenium (Se) outside quality control limit requirements for percent recovery. Arsenic (As) in samples IS651982P, IS651001, IS651006, and IS651901C and selenium (Se) in samples IS651982P and IS651901C were "J" coded due to the matrix spike rules. Arsenic (As) in samples IS651002, IS651003, IS651004, IS651005, IS651007, IS651008, IS651002L, and IS651900M was invalidated due to the matrix spike rules.

8. GRAPHITE FURNACE ATOMIC ABSORPTION (GFAA) SPECTROSCOPY

A. Selenium (Se) and thallium (Tl) were outside quality control limit requirements for post digestion spike recoveries in several samples, however, since these analytes were non-detect in all associated samples, no data were qualified.

B. The method of standard additions was performed for lead (Pb) in sample IS651001 and the correlation coefficient was within quality control limit requirements, thus, no data were qualified.

9. PERFORMANCE EVALUATION SAMPLE

A. One performance evaluation audit sample was submitted to the laboratory for analysis associated with this case and SDG number with all of the audit compounds detected. Aluminum (Al) was detected additionally.

10. ICP SERIAL DILUTION

A. All analytes were within quality control limit requirements according to the ICP serial dilution rules.

11. COMPOUND IDENTIFICATION and QUANTITATION

A. In level 2 review, no calculations from raw data (quantitation reports) are performed.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM – ZONE II

ICF Technology

ManTech Environmental Technology, Inc.

ESAT Region VII
ManTech Env. Tech., Inc.
25 Funston Road
Kansas City, KS 66115
(913) 551-5000

TO: Barry Evans, Data Review Task Monitor/ENSV
THRU: Harold Brown, Ph.D., Regional Project Officer/ENSV

FROM: Carla S. Phelps, ESAT Data Reviewer/ManTech CP
THRU: Ronald Ross, Manager/ESAT/ManTech

DATE: January 27, 1992
SUBJECT: Review of organic data for Syntex Facility.

TID#:	07-9109-016
ASSIGNMENT#:	099A
ICF ACCT#:	045-05-016-02
ManTech S.O.#:	1110-016
ESAT Document#:	ESAT-VII-016-5099A

These data were reviewed according to the "Laboratory Data Validation Functional Guidelines for Evaluating Organic Analyses," February 1, 1988 revision.

The following comments and attached data sheets are a result of ManTech Environmental Technology, Inc.'s review of the above mentioned data from the contract laboratory.

CASE NO.:	17360	LABORATORY:	ENSECO
CONTRACT NO.:	68-D0-0151	METHOD NO:	CS03900
SITE:	Syntex Facility	EPA ACTIVITY:	IS651
REVIEWER:	Carla S. Phelps	MATRIX:	Water

SMO SAMPLE NO.	EPA SAMPLE NO.
GL678	IS651001
GL679	IS651002
GL680	IS651003
GL681	IS651004
GL682	IS651005
GL683	IS651006
GL684	IS651007
GL685	IS651008
* GL686	* IS651009F
* GL687	* IS651979P
** GL688	** IS651980P

* volatile analyses only
** base/neutral and acid analyses only

D. The base/neutral and acid initial calibrations were within quality control limit requirements for average relative response factor and percent relative standard deviation. The continuing calibrations were within quality control limit requirements for relative response factor for base/neutral and acid analyses.

E. Several compounds in the continuing calibrations were outside quality control limit requirements for percent difference (greater than 25%). Since all associated samples were non-detect, no data were qualified due to the continuing calibration rules.

4. **INTERNAL STANDARD RESPONSE**

A. Internal standard response areas were within quality control limit requirements for the volatile and base/neutral and acid fractions.

5. **BLANKS**

A. One trip blank and two method blanks were analyzed for the volatile fraction with methylene chloride and acetone detected. All compounds were detected below the contract required quantitation limit (CRQL) except for acetone in sample IS651009F. Acetone in samples IS651004, IS651001S and IS651001W were "U" coded due to the blank rules. Since methylene chloride was non-detect in all associated samples, no data were qualified.

B. Two method blanks were analyzed for the base/neutral and acid fractions with di-n-butylphthalate detected below the contract required quantitation limit (CRQL). Since di-n-butylphthalate in all associated samples were non-detect, no data were qualified due to the blank rules.

6. **SURROGATE RECOVERY**

A. All surrogates were within quality control limit requirements for percent recovery for the volatile fraction.

B. All surrogates were within quality control limit requirements for percent recovery for the base/neutral and acid fractions except for 2-chlorophenol-d4 in samples IS651004, IS651005, IS651006, IS651007, IS651008, IS651001W, and IS651904M; 2,4,6-tribromophenol in sample IS651008; nitrobenzene-d5 in sample IS651001S; 2-fluorobiphenyl in sample IS651001S; and terphenyl-d14 in sample IS651001S. Since 1,2,4-trichlorobenzene, acenaphthene, 1,4-dichlorobenzene, and n-nitroso-di-n-propylamine were also outside quality control limit requirements for percent recovery in the matrix spike, these compounds were "J" coded due to the poor surrogate recoveries.

D. Phenol, 2-chlorophenol, 4-nitrophenol, and pentachlorophenol, for the base/neutral and acid fractions in sample IS651001W, were "J" coded due to the compounds exceeding the calibration range.

E. Several compounds in several samples for volatile and base/neutral and acid analyses were detected above the instrument detection limit (IDL) but below the contract required quantitation limit (CRQL). These results were raised to the CRQL and "U" coded.

10. SUMMARY

A. Acetone in three samples were "U" coded due to the blank rule; 1,2,4-trichlorobenzene, acenaphthene, 1,4-dichlorobenzene, and n-nitroso-di-n-propylamine were "J" coded due to poor surrogate recoveries; acetone in one sample was "J" coded due to calibration outliers; phenol, 2-chlorophenol, 4-nitrophenol, and pentachlorophenol in one sample were "J" coded due to the compounds exceeding the calibration range. Acetone in one sample for the volatile fraction was "J" coded due to the compound both exceeding the calibration range and calibration outliers. Bis(2-ethylhexyl)phthalate for the base/neutral and acid fractions, was "J" coded due to holding times from extraction to analyses being exceeded.

B. This data package generally meets the requirements for precision, accuracy, and completeness as described in SOW for Organic Analysis dated March 1990, with the exceptions noted above.

ENVIRONMENTAL SERVICES ASSISTANCE TEAM -- ZONE II

ICF Technology

ManTech Environmental Technology, Inc.

ESAT Region VII
ManTech Env. Tech.,Inc.
25 Funston Road
Kansas City, KS 66115
(913) 551-5000

TO: Barry Evans, Data Review Task Monitor/ENSV
THRU: Harold Brown, Ph.D., ESAT Contract Manager/ENSV

FROM: Stephen R. Bales, ESAT Data Reviewer/ManTech SB RE
THRU: Ronald Ross, Manager/ESAT/ManTech

DATE: January 27, 1992
SUBJECT: Review of organic data for Syntex Facility.

TID#:	07-9109-016
ASSIGNMENT#:	099B
ICF ACCT#:	045-05-016-02
ManTech S.O.#:	1110-016
ESAT Document#:	ESAT-VII-016-5099B

These data were reviewed according to the "Laboratory Data Validation Functional Guidelines for Evaluating Pesticides and PCBs".

The following comments and attached data sheets are a result of ManTech Environmental Technology, Inc.'s review of the above mentioned data from the contract laboratory.

CASE NO.:	17360	LABORATORY:	ENSECO
CONTRACT NO.:	68-D0-0151	METHOD NO:	CS03900
SITE:	Syntex Facility	EPA ACTIVITY:	IS651
REVIEWER:	Stephen R. Bales	MATRIX:	Water

Samples for Pesticide Analysis

SMO SAMPLE NO.	EPA SAMPLE NO.	SMO SAMPLE NO.	EPA SAMPLE NO.
GL678	IS651-001	GL679	IS651-002
GL680	IS651-003	GL681	IS651-004
GL682	IS651-005	GL683	IS651-006
GL684	IS651-007	GL685	IS651-008
GL689	IS651-981P		

7. **MATRIX SPIKE/MATRIX SPIKE DUPLICATE**

A. A matrix spike/matrix spike duplicate was analyzed for pesticides/PCB's with the relative percent difference and percent recovery within quality control limits.

8. **PESTICIDE CLEANUP CHECKS**

A. All the percent recoveries for the florisil cartridge were outside quality control limits. No data were qualified due to the florisil cartridge.

9. **PERFORMANCE EVALUATION SAMPLE**

A. A performance evaluation sample was submitted to the laboratory for pesticide/PCB's analysis associated with this case with all audit compounds detected. The analysis detected 4,4'-DDE greater than the instrument detection limit but less than the contract required quantitation limit. Thus, 4,4'-DDE was raised to the CRQL and "U" coded.

10. **COMPOUND IDENTIFICATION and QUANTITATION**

A. In a level 2 review, no calculations from raw data (quantitation reports) are performed.

11. **SUMMARY**

A. This data package generally meets the requirements for precision, accuracy, and completeness as described in SOW for Organic Analysis dated March 1990.

ANALYSIS REQUEST REPORT

VALIDATED DATA

FOR ACTIVITY: IS651

S P F D

02/03/92 13:10:58

ALL REAL SAMPLES AND FIELD Q.C.

* FINAL REPORT

FY: 92 ACTIVITY: IS651 DESCRIPTION: SYNTEX FACILITY LOCATION: VERONA MISSOURI

STATUS: ACTIVE TYPE: SAMPLING - CONTRACT LAB ANALYSIS PROJECT: A41

LABO DUE DATE IS 12/31/91. REPORT DUE DATE IS 4/28/92.

INSPECTION DATE: 10/31/91 ALL SAMPLES RECEIVED DATE: 11/01/91

ALL DATA APPROVED BY LABO DATE: 01/31/92 FINAL REPORT TRANSMITTED DATE: 01/31/92

EXPECTED LABO TURNAROUND TIME IS 60 DAYS EXPECTED REPORT TURNAROUND TIME IS 180 DAYS

ACTUAL LABO TURNAROUND TIME IS 91 DAYS ACTUAL REPORT TURNAROUND TIME IS 92 DAYS

SITE CODE: SITE:

SAMP. NO.	QCC	M	DESCRIPTION	SAMPLE # STATUS	CITY	STATE	AIRS/ STORET LOC NO	SECT	LAY-ER	BEG. DATE	BEG. TIME	END. DATE	END. TIME
001		W	SYNTEX FACILITY-MW-1 SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	09:00	10/31/91	09:15
002		W	SYNTEX FACILITY-MW-5 SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	09:30	10/31/91	09:50
003		W	SYNTEX FACILITY-MW-11 SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	10:05	10/31/91	10:30
004		W	SYNTEX FACILITY-MW-16 SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	10:50	10/31/91	11:00
005		W	SYNTEX FACILITY-MW-16B SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	11:10	10/31/91	11:30
006		W	SYNTEX FACILITY-MW-9 SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	11:00	10/31/91	11:10
007		W	SYNTEX FACILITY-MW-15 SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	11:35	10/31/91	12:05
008		W	SYNTEX FACILITY-MW-15B SAMPLE LOCATION	1	VERONA	MISSOURI				10/31/91	11:35	10/31/91	12:05
009	F	W	SYNTEX FACILITY-VOA TRIP BLANK	1	VERONA	MISSOURI				10/31/91	08:00	10/31/91	12:05

EXPLANATION OF CODES AND INFORMATION ON ANALYSIS REQUEST DETAIL REPORT

SAMPLE INFORMATION:

SAMP. NO. = SAMPLE IDENTIFICATION NUMBER (A 3-DIGIT NUMBER WHICH IN COMBINATION WITH THE ACTIVITY NUMBER AND QCC, PROVIDES AN UNIQUE NUMBER FOR EACH SAMPLE FOR IDENTIFICATION PURPOSES)

QCC = QUALITY CONTROL CODE (A ONE-LETTER CODE USED TO DESIGNATE SPECIFIC QC SAMPLES. THIS FIELD WILL BE BLANK FOR ALL NON-QC OR ACTUAL SAMPLES):
- A = TRUE VALUE FOR CALIBRATION STANDARD
- B = CONCENTRATION RESULTING FROM DUPLICATE LAB SPIKE
- C = MEASURED VALUE FOR CALIBRATION STANDARD
- D = MEASURED VALUE FOR FILED DUPLICATE
- F = MEASURED VALUE FOR FIELD BLANK
- G = MEASURED VALUE FOR METHOD STANDARD
- H = TRUE VALUE FOR METHOD STANDARD
- K = CONCENTRATION RESULTING FROM DUPLICATE FIELD SPIKE
- L = MEASURED VALUE FOR LAB DUPLICATE
- M = MEASURED VALUE FOR LAB BLANK
- N = MEASURED VALUE FOR DUPLICATE FIELD SPIKE
- P = MEASURED VALUE FOR PERFORMANCE STANDARD
- R = CONCENTRATION RESULTING FROM LAB SPIKE
- S = MEASURED VALUE FOR LAB SPIKE
- T = TRUE VALUE OF PERFORMANCE STANDARD
- W = MEASURED VALUE FOR DUPLICATE LAB SPIKE
- Y = MEASURED VALUE FOR FIELD SPIKE
- Z = CONCENTRATION RESULTING FROM FIELD SPIKE

M = MEDIA CODE (A ONE-LETTER CODE DESIGNATING THE MEDIA OF THE SAMPLE):
- A = AIR
- H = OTHER (DOES NOT FIT ANY OTHER CATEGORY)
- S = SOLID (SOIL, SEDIMENT, SLUDGE)
- T = TISSUE (PLANT & ANIMAL)
- W = WATER (GROUND WATER, SURFACE WATER, WASTE WATER, DRINKING WATER)

DESCRIPTION = A SHORT DESCRIPTION OF THE LOCATION WHERE SAMPLE WAS COLLECTED

AIRS/STORET LOC. NO. = THE SPECIFIC LOCATION IDENTIFICATION NUMBER FOR EITHER OF THESE NATIONAL DATABASE SYSTEMS, AS APPROPRIATE

DATE/TIME INFORMATION = SPECIFIC INFORMATION REGARDING WHEN THE SAMPLE WAS COLLECTED
- BEG. DATE = DATE SAMPLING WAS STARTED
- BEG. TIME = TIME SAMPLING WAS STARTED
- END DATE = DATE SAMPLING WAS COMPLETED
- END TIME = TIME SAMPLING WAS COMPLETED
- NOTE: A GRAB SAMPLE WILL CONTAIN ONLY BEG. DATE/TIME
  A TIMED COMPOSITE SAMPLE WILL CONTAIN BOTH BEG AND END DATE/TIME TO DESIGNATE DURATION OF SAMPLE COLLECTION

OTHER CODES:
- V = VALIDATED

ANALYTICAL RESULTS/MEASUREMENTS INFORMATION:

COMPOUND = MGP (MEDIA-GROUP-PARAMETER) CODE AND NAME OF THE MEASURED CONSTITUENT OR CHARACTERISTIC OF EACH SAMPLE

UNITS = SPECIFIC UNITS IN WHICH RESULTS ARE REPORTED:
- C = CENTIGRADE (CELSIUS) DEGREES
- CFS = CUBIC FEET PER SECOND
- GPM = GALLONS PER MINUTE
- IN = INCHES
- I.D. = SPECIES IDENTIFICATION
- KG = KILOGRAM
- L = LITER
- LB = POUNDS
- MG = MILLIGRAMS (1 X 10-3 GRAMS)
- MGD = MILLION GALLONS PER DAY
- MPH = MILES PER HOUR
- MV = MILLIVOLT
- M/F = MALE/FEMALE
- M2 = SQUARE METER
- M3 = CUBIC METER
- NA = NOT APPLICABLE
- NG = NANOGRAMS (1 X 10-9 GRAMS)
- NTU = NEPHELOMETRIC TURBIDITY UNITS
- PC/L = PICO (1 X 10-12) CURRIES PER LITER
- PG = PICOGRAMS (1 X 10-12 GRAMS)
- P/CM2 = PICOGRAMS PER SQUARE CENTIMETER
- SCM = STANDARD CUBIC METER (1 ATM, 25 C)
- SQ FT = SQUARE FEET
- SU = STANDARD UNITS (PH)
- UG = MICROGRAMS (1 X 10-6 GRAMS)
- UMHOS = MICROMHOS/CM (CONDUCTIVITY UNITS)
- U/CC2 = MICROGRAMS PER 100 SQUARE CENTIMETERS
- U/CM2 = MICROGRAMS PER SQUARE CENTIMETER
- 1000G = 1000 GALLONS
- +/- = POSITIVE/NEGATIVE
- # = NUMBER

DATA QUALIFIERS = SPECIFIC CODES USED IN CONJUNCTION WITH DATA VALUES TO PROVIDE ADDITIONAL INFORMATION ON THE REPORTED RESULTS, OR USED TO EXPLAIN THE ABSENCE OF A SPCIFIC VALUE:
- BLANK = IF FIELD IS BLANK, NO REMARKS OR QUALIFIERS ARE PERTINENT. FOR FINAL REPORTED DATA, THIS MEANS THAT THE VALUES HAVE BEEN REVIEWED AND FOUND TO BE ACCEPTABLE FOR USE.
- I = INVALID SAMPLE/DATA - VALUE NOT REPORTED
- J = DATA REPORTED BUT NOT VALID BY APPROVED QC PROCEDURES
- K = ACTUAL VALUE OF SAMPLE IS < VALUE REPORTED
- L = ACTUAL VALUE OF SAMPLE IS > VALUE REPORTED
- M = DETECTED BUT BELOW THE LEVEL OF REPORTED VALUE FOR ACCURATE QUANTIFICATION
- O = PARAMETER NOT ANALYZED
- U = ACTUAL VALUE OF SAMPLE IS < THE MEASUREMENT DETECTION LIMIT (REPORTED VALUE)

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
WF01 TEMPERATURE, WATER	'C	14.2		16.8				15.9		15.9	
WF05 PH, FIELD	SU	6.50		6.88				7.46		7.88	
WF10 CONDUCTIVITY (FIELD)	UMHOS	1040		480				290		290	
WM01 SILVER, TOTAL, BY ICAP	UG/L	10	U	10	U	10	U	10	U	10	U
WM02 ALUMINUM, TOTAL, BY ICAP	UG/L	28000	J	61000	J	560	U	200	U	510	U
WM03 ARSENIC, TOTAL, BY ICAP	UG/L	14	J	N/A	I	N/A	I	N/A	I	N/A	I
WM04 BARIUM, TOTAL, BY ICAP	UG/L	2100		2000		210		200	U	200	U
WM05 BERYLLIUM, TOTAL, BY ICAP	UG/L	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
WM06 CADMIUM, TOTAL, BY ICAP	UG/L	7.3	U	5.0	U	5.0	U	5.0	U	5.0	U
WM07 COBALT, TOTAL, BY ICAP	UG/L	120		50	U	50	U	50	U	50	U
WM08 CHROMIUM, TOTAL, BY ICAP	UG/L	340	J	97	J	10	U	10	U	17	J
WM09 COPPER, TOTAL, BY ICAP	UG/L	36	U	66	U	25	U	25	U	25	U
WM10 IRON, TOTAL, BY ICAP	UG/L	56000		63000		720		190	U	460	
WM11 MANGANESE, TOTAL, BY ICAP	UG/L	42000		4400		180		230		1100	
WM12 MOLYBDENUM, TOTAL, BY ICAP	UG/L	N/A	O	N/A	O	N/A	O	N/A	O	N/A	O
WM13 NICKEL, TOTAL, BY ICAP	UG/L	390		67	U	40	U	40	U	40	U
WM14 LEAD, TOTAL, BY ICAP	UG/L	32		30		3.0	U	3.0	U	3.0	U
WM15 ANTIMONY, TOTAL, BY ICAP	UG/L	60	U	60	U	60	U	60	U	60	U
WM16 SELENIUM, TOTAL, BY ICAP	UG/L	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
WM17 TITANIUM, TOTAL, BY ICAP	UG/L	N/A	O	N/A	O	N/A	O	N/A	O	N/A	O
WM18 THALLIUM, TOTAL, BY ICAP	UG/L	10	U	10	U	10	U	10	U	10	U
WM19 VANADIUM, TOTAL, BY ICAP	UG/L	61		100		50	U	50	U	50	U
WM20 ZINC, TOTAL, BY ICAP	UG/L	170		220		29	U	20	U	52	U
WM21 CALCIUM, TOTAL, BY ICAP	MG/L	190		56		60		34		56	
WM22 MAGNESIUM, TOTAL, BY ICAP	MG/L	14		9.6		11		18		5.0	U
WM23 SODIUM, TOTAL, BY ICAP	MG/L	120		43		5.0	U	9.0		12	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
WM24 POTASSIUM, TOTAL, BY ICAP	MG/L	7.6		10		5.0	U	5.0	U	5.0	U
WM34 MERCURY, TOTAL, BY COLD VAPOR AA	UG/L	0.20	U	0.20	U	0.20	U	0.20	U	0.20	U
WP01 BHC, ALPHA, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP02 BHC, BETA, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP03 BHC, DELTA	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP05 ALDRIN, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP06 DIELDRIN, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP07 ENDOSULFAN I, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP08 ENDOSULFAN II, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP09 ENDOSULFAN SULFATE, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP10 ENDRIN, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP11 ENDRIN ALDEHYDE, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP13 DDE-4,4'-	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP14 DDD-4,4'-	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP15 DDT-4,4'-	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP16 TOXAPHENE, BY GC/EC	UG/L	5.0	U	5.0	U	5.0	U	5.0	U	5.0	U
WP17 PCB-AROCLOR 1016	UG/L	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
WP18 PCB-AROCLOR 1221	UG/L	2.0	U	2.0	U	2.0	U	2.0	U	2.0	U
WP19 PCB-AROCLOR 1232	UG/L	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
WP20 PCB-AROCLOR 1242	UG/L	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
WP21 PCB-AROCLOR 1248	UG/L	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
WP22 PCB-AROCLOR 1254	UG/L	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
WP23 PCB-AROCLOR 1260	UG/L	1.0	U	1.0	U	1.0	U	1.0	U	1.0	U
WP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/L	N/A	O	N/A	O	N/A	O	N/A	O	N/A	O
WP25 HEPTACHLOR, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
WP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP83 ENDRIN KETONE, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U	0.10	U	0.10	U
WP84 METHOXYCHLOR, BY GC/EC	UG/L	0.50	U	0.50	U	0.50	U	0.50	U	0.50	U
WP85 CHLORDANE, ALPHA	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WP86 CHLORDANE, GAMMA	UG/L	0.050	U	0.050	U	0.050	U	0.050	U	0.050	U
WS01 PHENOL, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS03 ETHER,BIS(2-CHLOROETHYL), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS04 2-CHLOROPHENOL	UG/L	10	U	10	U	10	U	10	U	10	U
WS05 DICHLOROBENZENE,1,3-, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS06 DICHLOROBENZENE,1,4-	UG/L	10	U	10	U	10	U	10	U	10	U
WS07 BENZYL ALCOHOL	UG/L	N/A	O	N/A	O	N/A	O	N/A	O	N/A	O
WS08 DICHLOROBENZENE,1,2-, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS09 CRESOL, ORTHO(2-METHYLPHENOL)	UG/L	10	U	10	U	10	U	10	U	10	U
WS10 ETHER,BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS11 CRESOL, PARA-(4-METHYLPHENOL)	UG/L	10	U	10	U	10	U	10	U	10	U
WS12 N-NITROSODIPROPYLAMINE	UG/L	10	U	10	U	10	U	10	U	10	U
WS13 HEXACHLOROETHANE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS14 NITROBENZENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS15 ISOPHORONE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS16 NITROPHENOL,2-	UG/L	10	U	10	U	10	U	10	U	10	U
WS17 DIMETHYLPHENOL,2,4, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS18 BENZOIC ACID, BY GC/MS	UG/L	N/A	O	N/A	O	N/A	O	N/A	O	N/A	O
WS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS20 2,4-DICHLOROPHENOL	UG/L	10	U	10	U	10	U	10	U	10	U
WS21 TRICHLOROBENZENE,1,2,4, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS22 NAPHTHALENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
WS23 CHLOROANILINE,4-	UG/L	10	U	10	U	10	U	10	U	10	U
WS24 HEXACHLOROBUTADIENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS25 PHENOL,4-CHLORO-3-METHYL	UG/L	10	U	10	U	10	U	10	U	10	U
WS26 2-METHYLNAPHTHALENE	UG/L	10	U	10	U	10	U	10	U	10	U
WS27 HEXACHLOROCYCLOPENTADIENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS28 TRICHLOROPHENOL,2,4,6	UG/L	10	U	10	U	10	U	10	U	10	U
WS29 TRICHLOROPHENOL,2,4,5	UG/L	25	U	25	U	25	U	25	U	25	U
WS30 2-CHLORONAPHTHALENE	UG/L	10	U	10	U	10	U	10	U	10	U
WS31 NITROANILINE,2-(ORTHO)	UG/L	25	U	25	U	25	U	25	U	25	U
WS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS33 ACENAPHTHYLENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS34 NITROANILINE,3-	UG/L	25	U	25	U	25	U	25	U	25	U
WS35 ACENAPHTHENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS36 DINITROPHENOL,2,4, BY GC/MS	UG/L	25	U	25	U	25	U	25	U	25	U
WS37 NITROPHENOL,4-	UG/L	25	U	25	U	25	U	25	U	25	U
WS38 DIBENZOFURAN	UG/L	10	U	10	U	10	U	10	U	10	U
WS39 DINITROTOLUENE,2,4, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS40 DINITROTOLUENE,2,6	UG/L	10	U	10	U	10	U	10	U	10	U
WS41 PHTHALATE, DIETHYL, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS42 ETHER, 4-CHLOROPHENYL PHENYL	UG/L	10	U	10	U	10	U	10	U	10	U
WS43 FLUORENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS44 NITROANILINE,4-	UG/L	25	U	25	U	25	U	25	U	25	U
WS45 PHENOL,4,6-DINITRO-2-METHYL	UG/L	25	U	25	U	25	U	25	U	25	U
WS46 N-NITROSODIPHENYLAMINE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS47 ETHER, 4-BROMOPHENYL PHENYL	UG/L	10	U	10	U	10	U	10	U	10	U
WS48 HEXACHLOROBENZENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
WS49 PENTACHLOROPHENOL, BY GC/MS	UG/L	25	U	25	U	25	U	25	U	25	U
WS50 PHENANTHRENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS51 ANTHRACENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS53 FLUORANTHENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS54 PYRENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS55 PHTHALATE, BUTYL BENZYL	UG/L	10	U	10	U	10	U	10	U	10	U
WS56 DICHLOROBENZIDINE, 3,3'	UG/L	10	U	10	U	10	U	10	U	10	U
WS57 ANTHRACENE, BENZO(A), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS59 CHRYSENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS62 FLUORANTHENE, BENZO(K), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS63 PYRENE, BENZO(A), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS64 PYRENE, INDENO(1,2,3-CD)	UG/L	10	U	10	U	10	U	10	U	10	U
WS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS66 PERYLENE,BENZO(G,H,I), BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WS67 CARBAZOLE	UG/L	10	U	10	U	10	U	10	U	10	U
WV03 CHLOROMETHANE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV04 BROMOMETHANE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV05 VINYL CHLORIDE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV06 CHLOROETHANE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV07 METHYLENE CHLORIDE (DICHLOROMETHANE)	UG/L	10	U	10	U	10	U	10	U	10	U
WV08 DICHLOROETHYLENE,1,1	UG/L	10	U	10	U	10	U	10	U	10	U
WV09 DICHLOROETHANE,1,1, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001		002		003		004		005	
WV10 DICHLOROETHYLENE, TRANS,1,2-	UG/L	10	U	10	U	10	U	10	U	10	U
WV11 CHLOROFORM, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV12 DICHLOROETHANE,1,2, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV13 TRICHLOROETHANE,1,1,1-, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV14 CARBON TETRACHLORIDE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV15 BROMODICHLOROMETHANE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV16 DICHLOROPROPANE,1,2, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV17 BENZENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV19 TRICHLOROETHYLENE	UG/L	10	U	10	U	10	U	10	U	10	U
WV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV22 TRICHLOROETHANE,1,1,2-, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV24 BROMOFORM, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV25 TETRACHLOROETHYLENE	UG/L	10	U	10	U	10	U	10	U	10	U
WV26 TOLUENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV28 CHLOROBENZENE, BY GC/MS	UG/L	10	U	13		10	U	10	U	10	U
WV29 ETHYL BENZENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV30 ACETONE, BY GC/MS	UG/L	10	U	10	U	10	U	26	U	10	U
WV31 CARBON DISULFIDE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV32 METHYL ETHYL KETONE (2-BUTANONE)	UG/L	10	U	10	U	10	U	10	U	10	U
WV34 2-HEXANONE	UG/L	10	U	10	U	10	U	10	U	10	U
WV35 4-METHYL-2-PENTANONE	UG/L	10	U	10	U	10	U	10	U	10	U
WV36 STYRENE, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV37 XYLENES, TOTAL, BY GC/MS	UG/L	10	U	10	U	10	U	10	U	10	U
WV40 DICHLOROPROPYLENE,TRANS-1,3	UG/L	10	U	10	U	10	U	10	U	10	U

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	001	002	003	004	005
ZZ01 SAMPLE NUMBER	NA	001	002	003	004	005
ZZ02 ACTIVITY CODE	NA	IS651	IS651	IS651	IS651	IS651

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	006		007		008		009F	
WF01 TEMPERATURE, WATER	'C	15.3		13.9		15.9			
WF05 PH, FIELD	SU	6.92		7.41		6.69			
WF10 CONDUCTIVITY (FIELD)	UMHOS	780		520		1400			
WM01 SILVER, TOTAL, BY ICAP	UG/L	10	U	10	U	10	U		
WM02 ALUMINUM, TOTAL, BY ICAP	UG/L	6400	J	220	U	260	U		
WM03 ARSENIC, TOTAL, BY ICAP	UG/L	22	J	N/A	I	N/A	I		
WM04 BARIUM, TOTAL, BY ICAP	UG/L	650		200	U	1200			
WM05 BERYLLIUM, TOTAL, BY ICAP	UG/L	5.0	U	5.0	U	5.0	U		
WM06 CADMIUM, TOTAL, BY ICAP	UG/L	5.0	U	5.0	U	5.0	U		
WM07 COBALT, TOTAL, BY ICAP	UG/L	50	U	50	U	50	U		
WM08 CHROMIUM, TOTAL, BY ICAP	UG/L	15	J	11	J	10	U		
WM09 COPPER, TOTAL, BY ICAP	UG/L	25	U	25	U	25	U		
WM10 IRON, TOTAL, BY ICAP	UG/L	30000		180	U	14000			
WM11 MANGANESE, TOTAL, BY ICAP	UG/L	4400		79		4300			
WM12 MOLYBDENUM, TOTAL, BY ICAP	UG/L	N/A	O	N/A	O	N/A	O		
WM13 NICKEL, TOTAL, BY ICAP	UG/L	40	U	40	U	40	U		
WM14 LEAD, TOTAL, BY ICAP	UG/L	4.6		3.0	U	3.0	U		
WM15 ANTIMONY, TOTAL, BY ICAP	UG/L	60	U	62		60	U		
WM16 SELENIUM, TOTAL, BY ICAP	UG/L	5.0	U	5.0	U	5.0	U		
WM17 TITANIUM, TOTAL, BY ICAP	UG/L	N/A	O	N/A	O	N/A	O		
WM18 THALLIUM, TOTAL, BY ICAP	UG/L	10	U	10	U	10	U		
WM19 VANADIUM, TOTAL, BY ICAP	UG/L	50	U	50	U	50	U		
WM20 ZINC, TOTAL, BY ICAP	UG/L	42	U	53	U	76			
WM21 CALCIUM, TOTAL, BY ICAP	MG/L	66		93		88			
WM22 MAGNESIUM, TOTAL, BY ICAP	MG/L	5.0	U	7.4		8.1			
WM23 SODIUM, TOTAL, BY ICAP	MG/L	63		5.3		89			

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	006		007		008		009F	
WM24 POTASSIUM, TOTAL, BY ICAP	MG/L	5.0	U	5.0	U	6.9			
WM34 MERCURY, TOTAL, BY COLD VAPOR AA	UG/L	0.20	U	0.20	U	0.20	U		
WP01 BHC, ALPHA, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		
WP02 BHC, BETA, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		
WP03 BHC, DELTA	UG/L	0.050	U	0.050	U	0.050	U		
WP04 BHC, GAMMA-(LINDANE), BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		
WP05 ALDRIN, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		
WP06 DIELDRIN, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U		
WP07 ENDOSULFAN I, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		
WP08 ENDOSULFAN II, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U		
WP09 ENDOSULFAN SULFATE, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U		
WP10 ENDRIN, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U		
WP11 ENDRIN ALDEHYDE, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U		
WP13 DDE-4,4'-	UG/L	0.10	U	0.10	U	0.10	U		
WP14 DDD-4,4'-	UG/L	0.10	U	0.10	U	0.10	U		
WP15 DDT-4,4'-	UG/L	0.10	U	0.10	U	0.10	U		
WP16 TOXAPHENE, BY GC/EC	UG/L	5.0	U	5.0	U	5.0	U		
WP17 PCB-AROCLOR 1016	UG/L	1.0	U	1.0	U	1.0	U		
WP18 PCB-AROCLOR 1221	UG/L	2.0	U	2.0	U	2.0	U		
WP19 PCB-AROCLOR 1232	UG/L	1.0	U	1.0	U	1.0	U		
WP20 PCB-AROCLOR 1242	UG/L	1.0	U	1.0	U	1.0	U		
WP21 PCB-AROCLOR 1248	UG/L	1.0	U	1.0	U	1.0	U		
WP22 PCB-AROCLOR 1254	UG/L	1.0	U	1.0	U	1.0	U		
WP23 PCB-AROCLOR 1260	UG/L	1.0	U	1.0	U	1.0	U		
WP24 CHLORDANE, TECHNICAL, BY GC/EC	UG/L	N/A	O	N/A	O	N/A	O		
WP25 HEPTACHLOR, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		

COMPOUND	UNITS	006		007		008		009F	
WP26 HEPTACHLOR EPOXIDE, BY GC/EC	UG/L	0.050	U	0.050	U	0.050	U		
WP83 ENDRIN KETONE, BY GC/EC	UG/L	0.10	U	0.10	U	0.10	U		
WP84 METHOXYCHLOR, BY GC/EC	UG/L	0.50	U	0.50	U	0.50	U		
WP85 CHLORDANE, ALPHA	UG/L	0.050	U	0.050	U	0.050	U		
WP86 CHLORDANE, GAMMA	UG/L	0.050	U	0.050	U	0.050	U		
WS01 PHENOL, BY GC/MS	UG/L	10	U	10	U	10	U		
WS03 ETHER,BIS(2-CHLOROETHYL), BY GC/MS	UG/L	10	U	10	U	10	U		
WS04 2-CHLOROPHENOL	UG/L	10	U	10	U	10	U		
WS05 DICHLOROBENZENE,1,3-, BY GC/MS	UG/L	10	U	10	U	10	U		
WS06 DICHLOROBENZENE,1,4-	UG/L	25		10	U	65			
WS07 BENZYL ALCOHOL	UG/L	N/A	O	N/A	O	N/A	O		
WS08 DICHLOROBENZENE,1,2-, BY GC/MS	UG/L	10	U	10	U	10	U		
WS09 CRESOL, ORTHO(2-METHYLPHENOL)	UG/L	10	U	10	U	10	U		
WS10 ETHER,BIS(2-CHLOROISOPROPYL), BY GC/MS	UG/L	10	U	10	U	10	U		
WS11 CRESOL, PARA-(4-METHYLPHENOL)	UG/L	10	U	10	U	10	U		
WS12 N-NITROSODIPROPYLAMINE	UG/L	10	U	10	U	10	U		
WS13 HEXACHLOROETHANE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS14 NITROBENZENE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS15 ISOPHORONE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS16 NITROPHENOL,2-	UG/L	10	U	10	U	10	U		
WS17 DIMETHYLPHENOL,2,4, BY GC/MS	UG/L	10	U	10	U	10	U		
WS18 BENZOIC ACID, BY GC/MS	UG/L	N/A	O	N/A	O	N/A	O		
WS19 METHANE, BIS(2-CHLOROETHYOXY), BY GC/MS	UG/L	10	U	10	U	10	U		
WS20 2,4-DICHLOROPHENOL	UG/L	10	U	10	U	10	U		
WS21 TRICHLOROBENZENE,1,2,4, BY GC/MS	UG/L	10	U	10	U	10	U		
WS22 NAPHTHALENE, BY GC/MS	UG/L	10	U	10	U	10	U		

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	006		007		008		009F	
WS23 CHLOROANILINE,4-	UG/L	10	U	10	U	10	U		
WS24 HEXACHLOROBUTADIENE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS25 PHENOL,4-CHLORO-3-METHYL	UG/L	10	U	10	U	10	U		
WS26 2-METHYLNAPHTHALENE	UG/L	10	U	10	U	10	U		
WS27 HEXACHLOROCYCLOPENTADIENE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS28 TRICHLOROPHENOL,2,4,6	UG/L	10	U	10	U	10	U		
WS29 TRICHLOROPHENOL,2,4,5	UG/L	25	U	25	U	25	U		
WS30 2-CHLORONAPHTHALENE	UG/L	10	U	10	U	10	U		
WS31 NITROANILINE,2-(ORTHO)	UG/L	25	U	25	U	25	U		
WS32 PHTHALATE, DIMETHYL, BY GC/MS	UG/L	10	U	10	U	10	U		
WS33 ACENAPHTHYLENE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS34 NITROANILINE,3-	UG/L	25	U	25	U	25	U		
WS35 ACENAPHTHENE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS36 DINITROPHENOL,2,4, BY GC/MS	UG/L	25	U	25	U	25	U		
WS37 NITROPHENOL,4-	UG/L	25	U	25	U	25	U		
WS38 DIBENZOFURAN	UG/L	10	U	10	U	10	U		
WS39 DINITROTOLUENE,2,4, BY GC/MS	UG/L	10	U	10	U	10	U		
WS40 DINITROTOLUENE,2,6	UG/L	10	U	10	U	10	U		
WS41 PHTHALATE, DIETHYL, BY GC/MS	UG/L	10	U	10	U	10	U		
WS42 ETHER, 4-CHLOROPHENYL PHENYL	UG/L	10	U	10	U	10	U		
WS43 FLUORENE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS44 NITROANILINE,4-	UG/L	25	U	25	U	25	U		
WS45 PHENOL,4,6-DINITRO-2-METHYL	UG/L	25	U	25	U	25	U		
WS46 N-NITROSODIPHENYLAMINE, BY GC/MS	UG/L	10	U	10	U	10	U		
WS47 ETHER, 4-BROMOPHENYL PHENYL	UG/L	10	U	10	U	10	U		
WS48 HEXACHLOROBENZENE, BY GC/MS	UG/L	10	U	10	U	10	U		

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	006		007		008		009F		
WS49 PENTACHLOROPHENOL, BY GC/MS	UG/L	25	U	25	U	25	U			
WS50 PHENANTHRENE, BY GC/MS	UG/L	10	U	10	U	10	U			
WS51 ANTHRACENE, BY GC/MS	UG/L	10	U	10	U	10	U			
WS52 PHTHALATE, DI-N-BUTYL-, BY GC/MS	UG/L	10	U	10	U	10	U			
WS53 FLUORANTHENE, BY GC/MS	UG/L	10	U	10	U	10	U			
WS54 PYRENE, BY GC/MS	UG/L	10	U	10	U	10	U			
WS55 PHTHALATE, BUTYL BENZYL	UG/L	10	U	10	U	10	U			
WS56 DICHLOROBENZIDINE, 3,3'	UG/L	10	U	10	U	10	U			
WS57 ANTHRACENE, BENZO(A), BY GC/MS	UG/L	10	U	10	U	10	U			
WS58 PHTHALATE, BIS(2-ETHYLHEXYL), BY GC/MS	UG/L	10	U	10	U	10	U			
WS59 CHRYSENE, BY GC/MS	UG/L	10	U	10	U	10	U			
WS60 PHTHALATE, DI-N-OCTYL-, BY GC/MS	UG/L	10	U	10	U	10	U			
WS61 FLUORANTHENE, BENZO(B), BY GC/MS	UG/L	10	U	10	U	10	U			
WS62 FLUORANTHENE, BENZO(K), BY GC/MS	UG/L	10	U	10	U	10	U			
WS63 PYRENE, BENZO(A), BY GC/MS	UG/L	10	U	10	U	10	U			
WS64 PYRENE, INDENO(1,2,3-CD)	UG/L	10	U	10	U	10	U			
WS65 ANTHRACENE, DIBENZO(A,H), BY GC/MS	UG/L	10	U	10	U	10	U			
WS66 PERYLENE,BENZO(G,H,I), BY GC/MS	UG/L	10	U	10	U	10	U			
WS67 CARBAZOLE	UG/L	10	U	10	U	10	U			
WV03 CHLOROMETHANE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV04 BROMOMETHANE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV05 VINYL CHLORIDE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV06 CHLOROETHANE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV07 METHYLENE CHLORIDE (DICHLOROMETHANE)	UG/L	25	U	10	U	20	U	10	U	
WV08 DICHLOROETHYLENE,1,1	UG/L	25	U	10	U	20	U	10	U	
WV09 DICHLOROETHANE,1,1, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	006		007		008		009F		
WV10 DICHLOROETHYLENE, TRANS,1,2-	UG/L	25	U	10	U	20	U	10	U	
WV11 CHLOROFORM, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV12 DICHLOROETHANE,1,2, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV13 TRICHLOROETHANE,1,1,1-, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV14 CARBON TETRACHLORIDE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV15 BROMODICHLOROMETHANE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV16 DICHLOROPROPANE,1,2, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV17 BENZENE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV19 TRICHLOROETHYLENE	UG/L	25	U	10	U	20	U	10	U	
WV20 DICHLOROPROPYLENE,CIS-1,3, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV21 DIBROMOCHLOROMETHANE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV22 TRICHLOROETHANE,1,1,2-, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV24 BROMOFORM, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV25 TETRACHLOROETHYLENE	UG/L	25	U	10	U	20	U	10	U	
WV26 TOLUENE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV27 TETRACHLOROETHANE,1,1,2,2, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV28 CHLOROBENZENE, BY GC/MS	UG/L	110		10	U	140		10	U	
WV29 ETHYL BENZENE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV30 ACETONE, BY GC/MS	UG/L	25	U	10	U	5100	J	45	J	
WV31 CARBON DISULFIDE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV32 METHYL ETHYL KETONE (2-BUTANONE)	UG/L	25	U	10	U	20	U	10	U	
WV34 2-HEXANONE	UG/L	25	U	10	U	20	U	10	U	
WV35 4-METHYL-2-PENTANONE	UG/L	25	U	10	U	20	U	10	U	
WV36 STYRENE, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV37 XYLENES, TOTAL, BY GC/MS	UG/L	25	U	10	U	20	U	10	U	
WV40 DICHLOROPROPYLENE,TRANS-1,3	UG/L	10	U	10	U	10	U	10	U	

ANALYSIS REQUEST DETAIL REPORT ACTIVITY: 2-IS651 VALIDATED DATA

COMPOUND	UNITS	006	007	008	009F	
ZZ01 SAMPLE NUMBER	NA	006	007	008	009	
ZZ02 ACTIVITY CODE	NA	IS651	IS651	IS651	IS651	

ACTIVITY IS651 SYNTEX FACILITY

THE PROJECT LEADER SHOULD CIRCLE ONE - STORET, AIRS, OR ARCHIVE.

CIRCLE ONE: STORET AIRS ARCHIVE

DATA APPROVED BY LABO FOR TRANSMISSION TO PROJECT LEADER ON 01/31/92 09:48:05 BY