UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE: SEP 26 1991

SUBJECT: Vidan Auto Salvage

FROM: John Witkowski, Chief
Technical Support Section

TO: James F. Doyle, Attorney
Office of Regional Counsel

Vidan Auto Salvage was formerly a junkyard located on Bond Street in Brooklyn, New York. Due to activities with stolen vehicles at this location, the U.S. Department of Justice (DOJ) seized the property, auctioned its contents and then returned the property to the owner under the stipulation that the property could not be used as a junkyard.

As a result of the disassembling of vehicles at the property and the subsequent release of their fluids, the DOJ requested that the United States Environmental Protection Agency (EPA) conduct an investigation to determine if these releases posed a threat to the public and/or the environment. The Removal Action Branch conducted this investigation.

The On-Scene Coordinator (OSC), accompanied by the U.S. Marshall Service, conducted site visits on June 25, 1991 and July 10, 1991. On June 25th, the EPA Field Investigation Team (FIT) was also present conducting a Preliminary Assessment. On July 10th, representatives from the EPA Environmental Services Division (ESD) were present at the site, at the request of the OSC, to collect samples for analysis.

Samples were collected from a drain, a drum and two soil locations (see attachment for analytical results). The drain, which is located where the racks used to be, contained a heavy sheen. Petroleum hydrocarbons were present at 37.4 ppm in the sample collected from this point. A sample from the drum was analyzed for volatile organics and was found not to contain any. Its pH was equal to 11.

One of the soil samples was collected as a composite from a heavily stained area at the center of the property. This area was reportedly used for disassembling the vehicles. Elevated levels of volatile organics (VOAs), polyaromatic hydrocarbons (PAHs) and several heavy metals (cadmium, copper, nickel, lead and zinc) were detected. Another soil sample was collected as a grab from a small hole in the concrete on the west side of the property. The soil at this location was found to be saturated with what appeared to be a petroleum material. The level of contamination was considerably greater at this point with regards to the PAHs.

238117

There has been a release of hazardous substances at a facility. Based on the sampling, it appears that the highest levels of contamination are below the surface, much of which is paved. The facility is located in a mostly industrial area and is fenced, thus limiting access to the site. Ground water in this area is not used as a drinking water source. Based on these items, Vidan Auto Salvage is not removal eligible at this time.

Based on the findings of the FIT Team, the site scored sufficiently high to warrant a Site Inspection (SI) sometime in the future.

Although the Removal Program can not address the contamination at the site, it may be an issue that another Division within the Agency, the New York State Department of Environmental Conservation or the New York City Department of Environmental Protection may be able to address.

Should you have any questions, please do not hesitate to call me at FTS 340-6739 or Nick Magriples at FTS 340-6930.

Attachment

cc: R. Salkie, ERR-ADREPP
G. Zachos, ERR-RAB
V. Pitruzzello, ERR-PS
R. Spear, ES-SM

UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION II

DATE: SEP 20 1991

SUBJECT: Vidan Auto Salvage Data Report, Project #107

FROM: John Birri, Chief
Inorganic Chemistry Section

TO: Richard Spear, Chief
Surveillance & Monitoring Branch

THRU: Gerard F. McKenna, Chief
Technical Support Branch

Attached is a copy of the data report for Vidan Auto Salvage, Project #107. Please note that all NVOA hits in samples 97119 and 97120 were qualified with a "J" code due to high surrogate spike recoveries, attributable to matrix interference in both samples. Also, sample 97121, submitted for VOA analysis, contained headspace.

Attachment

RECEIVED
SEP 20 1991
S & M BRANCH

REGION II FORM 1320-1 (9/85)

LAB DATA MANAGEMENT SYSTEM - REGION II
COMPLETED PROJECT APPROVAL

REPORT DATE 91/09/16

PROJECT NUMBER	PROJECT DATE	PROJECT NAME	
107	91/07/10	VIDAN AUTO SALVAGE	APPROVED

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

EXPLANATIONS OF REMARK CODES

REMARK CODE	EXPLANATION
B	RESULTS BASED UPON COLONY COUNTS OUTSIDE ACCEPTABLE RANGE
J	ESTIMATED VALUE
K	ACTUAL VALUE KNOWN TO BE LESS THAN VALUE GIVEN
L	ACTUAL VALUE KNOWN TO BE GREATER THAN VALUE GIVEN
M	PRESENCE OF MATERIAL VERIFIED BUT NOT QUANTIFIED
N	NO OBSERVABLE EFFECT CONCENTRATION < 0.3%
O	SAMPLED BUT NOT ANALYZED DUE TO LAB ACCIDENT
T	REPORTED VALUE LESS THAN CRITERIA OF DETECTION
U	REPORTING LIMIT

QA/QC REMARK CODES

CODE	EXPLANATION
QD	ACCURACY CHECK SAMPLE ABOVE UPPER ACCEPTANCE LIMIT
QE	ACCURACY CHECK SAMPLE BELOW LOWER ACCEPTANCE LIMIT
QF	PRECISION OF CALIBRATION CURVE LESS THAN ACCEPTANCE CRITERIA
QG	CONTINUING CALIBRATION CHECK DOES NOT MEET ACCEPTANCE CRITERIA
QS	SPIKE RECOVERIES ABOVE UPPER ACCPETANCE LIMIT
QR	SPIKE RECOVERIES BELOW LOWER ACCPETANCE LIMIT
QP	SAMPLE REPLICATE PRECISION DOES NOT MEET ACCEPTANCE CRITERIA
QH	RECOMMENDED HOLDING TIMES EXCEEDED
QT	TENTATIVELY IDENTIFIED COMPOUND
QB	BLANK CONTAMINATED BY ANALYTE IN EXCESS OF ACCEPTANCE CRITERIA
QQ	SAMPLE IMPROPERLY PRESERVED

LOCATION CODES FOR IDENTIFICATION OF SAMPLING POINTS AT INDUSTRIAL / SANITARY FACILITIES, LANDFILLS, HAZARDOUS WASTE SITES.

CODE NUMBERS	SAMPLING POINTS
1001 - 1050	EFFLUENT PIPE NUMBER 001 TO 050
1051 - 1099	OTHER EFFLUENTS SUCH AS COOLING TOWER DISCHARGE, DISCHARGE FROM HOLDING PONDS, ETC...
1100 - 1249	IN PLANT SAMPLES
1435 - 1454	SEPARATE INFLUENT POINTS/WATER SOURCES
15XX	INFLUENT ASSOCIATED WITH EFFLUENT 10XX
2000	BLANK FOR VOLATILE ORGANICS
3000 - 3099	GROUND WATER FROM WELL 01 TO 99
3100 - 3199	SEDIMENT SAMPLE (WATER BOTTOM)
3200 - 3299	SOIL SAMPLE
3300 - 3399	STREAM WATER SAMPLE
3400 - 3499	LAGOON SAMPLE
3500 - 3599	STORAGE TANK SAMPLE
3600 - 3699	LEACHATE SAMPLE
3700 - 3799	OTHER TYPE SAMPLE

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY
NONE	91/07/10	1018

DEPTH: 0000 SUBSTRATE: AQUEOUS
DESCRIPTION: WATER DRAIN

LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
097118	45501	PETRO.HYDROCARBONS IR	MG/L	TOT REC	37.4	
	34586	2-CHLOROPHENOL	UG/L		11.1	U
	34591	2-NITROPHENOL	UG/L		11.1	U
	34694	PHENOL	UG/L		1.4	J
	34606	2,4-DIMETHYLPHENOL	UG/L		7.4	J
	34601	2,4-DICHLOROPHENOL	UG/L		11.1	U
	34621	2,4,6-TRICHLOROPHENOL	UG/L		11.1	U
	34452	P-CHLORO-M-CRESOL	UG/L		11.1	U
	34616	2,4-DINITROPHENOL	UG/L		27.8	U
	34657	4,6-DINITRO-O-CRESOL	UG/L		27.8	U
	39032	PENTACHLOROPHENOL	UG/L		27.8	U
	34646	4-NITROPHENOL	UG/L		27.8	U
	34566	1,3-DICHLOROBENZENE	UG/L		11.1	U
	34571	1,4-DICHLOROBENZENE	UG/L		11.1	U
	34536	1,2-DICHLOROBENZENE	UG/L		11.1	U
	34396	HEXACHLOROETHANE	UG/L		11.1	U
	39702	HEXACHLOROBUTADIENE	UG/L		11.1	U
	34551	1,2,4-TRICHLOROBENZENE	UG/L		11.1	U
	34696	NAPHTHALENE	UG/L		11.1	U
	34273	BIS(2-CHLOROETHYL) ET.	UG/L		11.1	U
	34278	BIS(2-CHLOROETHOXY) METH.	UG/L		11.1	U
	34408	ISOPHORONE	UG/L		11.1	U
	34447	NITROBENZENE	UG/L		11.1	U
	34428	N-NITROSODI-N-PROPYLAMINE	UG/L		11.1	U
	34433	N-NITROSODIPHENYLAMINE	UG/L		11.1	U
	34283	BIS(2-CHLOROISOPROPYL) ET.	UG/L		11.1	U
	34386	HEXACHLOROCYCLOPENTADIENE	UG/L		11.1	U
	34581	2-CHLORONAPHTHALENE	UG/L		11.1	U
	34200	ACENAPHTHYLENE	UG/L		11.1	U
	34205	ACENAPHTHENE	UG/L		0.5	J
	34381	FLUORENE	UG/L		0.5	J
	39700	HEXACHLOROBENZENE	UG/L		11.1	U
	34636	4-BROMOPHENYL PHENYL ET.	UG/L		11.1	U
	34461	PHENANTHRENE	UG/L		11.1	U
	34220	ANTHRACENE	UG/L		11.1	U
	99999	CARBAZOLE	UG/L		11.1	U
	34341	DIMETHYL PHTHALATE	UG/L		11.1	U
	34336	DIETHYL PHTHALATE	UG/L		11.1	U
	39110	DI-N-BUTYLPHTHALATE	UG/L		11.1	U
	34292	BUTYL BENZYL PHTHALATE	UG/L		11.1	U
	34596	DI-N-OCTYL PHTHALATE	UG/L		5.6	J

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097118	39100	BIS(2-ETHYLHEXYL) PHTHAL.	UG/L		6.3 J	
				34376	FLUORANTHENE	UG/L		11.1 U	
				34469	PYRENE	UG/L		0.4 J	
				34320	CHRYSENE	UG/L		0.4 J	
				34526	1,2-BENZANTHRACENE	UG/L		11.1 U	
				34641	4-CHLOROPHENYL PHENYL ET.	UG/L		11.1 U	
				34403	INDENO(1,2,3-C,D) PYRENE	UG/L		11.1 U	
				34247	BENZO(A)PYRENE	UG/L		11.1 U	
				34521	1,12-BENZOPERYLENE	UG/L		11.1 U	
				34556	1,2:5,6-DIBENZANTHRACENE	UG/L		11.1 U	
				34631	3,3'-DICHLOROBENZIDENE	UG/L		11.1 U	
				34626	2,6-DINITROTOLUENE	UG/L		11.1 U	
				34611	2,4-DINITROTOLUENE	UG/L		11.1 U	
				34230	3,4-BENZOFLUORANTHENE	UG/L		11.1 U	
				34242	11,12-BENZOFLUORANTHENE	UG/L		11.1 U	
				99999	2-METHYL PHENOL	UG/L		11.1 U	
				99999	4-METHYL PHENOL	UG/L		11.1 U	
				99999	4-CHLOROANILINE	UG/L		12 U	
				99999	ANILINE	UG/L		11.1 U	
				99999	2-METHYL NAPHTHALENE	UG/L		11.1 U	
				88894	2,4,5-TRICHLOROPHENOL	UG/L		3.9 J	
				99999	2-NITROANILINE	UG/L		27.8 U	
				99999	3-NITROANILINE	UG/L		27.8 U	
				99999	DIBENZOFURAN	UG/L		27.8 U	
				99999	4-NITROANILINE	UG/L		11.1 U	
				99999	BENZOIC ACID	UG/L		27.8 U	
				99999	BENZYL ALCOHOL	UG/L		7.4 J	QG
				99999	DIHYDRO-1H-INDENE	UG/L		0.9 J	
				99999	METHYLPROPYLBENZENE	UG/L		9.7 J	QT
				99999	DIMETHYLETHYLBENZENE	UG/L		11.0 J	QT
				99999	TETRAMETHYLBENZENE	UG/L		27.0 J	QT
				99999	DIHYDROMETHYL-1H-INDENE	UG/L		28.0 J	QT
				99999	ETHYL PHENOL	UG/L		25.0 J	QT
				99999	DIHYDRODIMETHYL-1H-INDENE	UG/L		6.40 J	QT
				99999	BENZOTHIAZOLE	UG/L		8.90 J	QT
				99999	DIMETHYL NAPHTHALENE	UG/L		12.00 J	QT
				99999	BENZOYLCHLORIDE,4METHYL	UG/L		5.40 J	QT
				99920	XYLENES (TOTAL)	UG/L		5.00 J	QT
				99999	ETHYLMETHYLBENZENE	UG/L		63.0 J	QT
								120.0 J	QT

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY
NONE	91/07/10	1027

DEPTH: 0000 SUBSTRATE: SEDIMENT
DESCRIPTION: SOIL 1 COMPOSITE

LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
097119	34421	METHYL CHLORIDE	UG/KG		1100	U
	34416	METHYL BROMIDE	UG/KG		1100	U
	34495	VINYL CHLORIDE	UG/KG		1100	U
	34314	CHLOROETHANE	UG/KG		1100	U
	34426	METHYLENE CHLORIDE	UG/KG		1100	U
	99930	ACETONE	UG/KG		1100	U
	99999	CARBON DISULFIDE	UG/KG		1100	U
	34504	1,1-DICHLOROETHYLENE	UG/KG		1100	U
	34499	1,1-DICHLOROETHANE	UG/KG		1100	U
	34549	TRANS 1,2 DICHLOROETHYLENE	UG/KG		1100	U
	34318	CHLOROFORM	UG/KG		1100	U
	34534	1,2-DICHLOROETHANE	UG/KG		1100	U
	99999	2-BUTANONE	UG/KG		1100	U
	34509	1,1,1-TRICHLOROETHANE	UG/KG		1100	U
	34299	CARBON TETRACHLORIDE	UG/KG		1100	U
	34330	DICHLOROBROMOMETHANE	UG/KG		1100	U
	34544	1,2-DICHLOROPROPANE	UG/KG		1100	U
	34564	1,3-DICHLOROPROPYLENE	UG/KG		1100	U
	34487	TRICHLOROETHYLENE	UG/KG		1100	U
	34237	BENZENE	UG/KG		1100	U
	99999	CIS-1,3-DICHLOROPROPENE	UG/KG		1100	U
	34309	CHLORODIBROMOMETHANE	UG/KG		1100	U
	34514	1,1,2-TRICHLOROETHANE	UG/KG		1100	U
	34290	BROMOFORM	UG/KG		1100	U
	34519	1,1,2,2-TETRACHLOROETHANE	UG/KG		1100	U
	34478	TETRACHLOROETHYLENE	UG/KG		1100	U
	34483	TOLUENE	UG/KG		1600	
	34304	CHLOROBENZENE	UG/KG		1100	U
	34374	ETHYLBENZENE	UG/KG		810	J
	99904	STYRENE	UG/KG		1100	U
	99999	XYLENES (TOTAL)	UG/KG		4900	
	34589	2-CHLOROPHENOL	UG/KG		350000	U
	34594	2-NITROPHENOL	UG/KG		350000	U
	34695	PHENOL	UG/KG		350000	U
	34609	2,4-DIMETHYLPHENOL	UG/KG		350000	U
	34604	2,4-DICHLOROPHENOL	UG/KG		350000	U
	34624	2,4,6-TRICHLOROPHENOL	UG/KG		350000	U
	99999	P-CHLORO-M-CRESOL	UG/KG		350000	U
	34619	2,4-DINITROPHENOL	UG/KG		850000	U
	34660	4,6-DINITRO-O-CRESOL	UG/KG		850000	U
	99999	PENTACHLOROPHENOL	UG/KG		850000	U

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097119	99999	4-NITROPHENOL	UG/KG		850000 U	
				34569	1,3-DICHLOROBENZENE	UG/KG		350000 U	
				34574	1,4-DICHLOROBENZENE	UG/KG		350000 U	
				34539	1,2-DICHLOROBENZENE	UG/KG		350000 U	
				34399	HEXACHLOROETHANE	UG/KG		350000 U	
				34394	HEXACHLOROBUTADIENE	UG/KG		350000 U	
				34554	1,2,4-TRICHLOROBENZENE	UG/KG		350000 U	
				34445	NAPHTHALENE	UG/KG		3500 J	
				34276	BIS(2-CHLOROETHYL) ET.	UG/KG		350000 U	
				34281	BIS(2-CHLOROETHOXY) METH.	UG/KG		350000 U	
				34411	ISOPHORONE	UG/KG		350000 U	
				34450	NITROBENZENE	UG/KG		350000 U	
				34431	N-NITROSODI-N-PROPYLAMINE	UG/KG		350000 U	
				34436	N-NITROSODIPHENYLAMINE	UG/KG		8600 J	
				34286	BIS(2-CHLOROISOPROPYL) ETH	UG/KG		350000 U	
				34389	HEXACHLOROCYCLOPENTADIENE	UG/KG		350000 U	
				34584	2-CHLORONAPHTHALENE	UG/KG		350000 U	
				34203	ACENAPHTHYLENE	UG/KG		430 J	
				34208	ACENAPHTHENE	UG/KG		500 J	
				34384	FLUORENE	UG/KG		4700 J	
				39701	HEXACHLOROBENZENE	UG/KG		350000 U	
				34639	4-BROMOPHENYL PHENYL ET.	UG/KG		350000 U	
				34464	PHENANTHRENE	UG/KG		83000 J	
				34223	ANTHRACENE	UG/KG		350000 U	
				34344	DIMETHYL PHTHALATE	UG/KG		350000 U	
				34339	DIETHYL PHTHALATE	UG/KG		350000 U	
				39112	DI-N-BUTYLPPHTHALATE	UG/KG		350000 U	
				34295	BUTYL BENZYL PHTHALATE	UG/KG		190000 J	
				34599	DI-N-OCTYL PHTHALATE	UG/KG		350000 U	
				39102	BIS(2-ETHYLHEXYL) PHTHAL.	UG/KG		350000 U	
				34379	FLUORANTHENE	UG/KG		86000 J	OR
				34472	PYRENE	UG/KG		88000 J	
				34323	CHRYSENE	UG/KG		350000 U	
				34529	1,2-BENZANTHRACENE	UG/KG		350000 U	
				34644	4-CHLOROPHENYL PHENYL ET.	UG/KG		350000 U	
				34406	INDENO(1,2,3-C,D) PYRENE	UG/KG		3100 J	
				34250	BENZO(A)PYRENE	UG/KG		9900 J	
				34524	1,12-BENZOPERYLENE	UG/KG		3300 J	
				34559	1,2:5,6-DIBENZANTHRACENE	UG/KG		350000 U	
				34634	3,3'-DICHLOROBENZIDENE	UG/KG		350000 U	
				34629	2,6-DINITROTOLUENE	UG/KG		350000 U	

COMPLETED ANALYSIS REPORT

PROJECT NO: 107

REPORT DATE: 91/09/16

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097119	34614	2,4-DINITROTOLUENE	UG/KG		350000 U	
				34349	1,2-DIPHENYLHYDRAZINE	UG/KG		350000 U	
				34233	3,4-BENZOFLUORANTHENE	UG/KG		6700 J	
				34245	11,12-BENZOFLUORANTHENE	UG/KG		5500 J	
				99999	BENZYL ALCOHOL	UG/KG		350000 U	
				99999	2-METHYL PHENOL	UG/KG		350000 U	
				99999	4-METHYL PHENOL	UG/KG		1300 J	
				77722	4-CHLOROANILINE	UG/KG		850000 U	
				99999	BENZOIC ACID	UG/KG		350000 U	
				99999	ANILINE	UG/KG		350000 U	
				99999	2-METHYL NAPHTHALENE	UG/KG		3900 J	
				77733	2,4,5-TRICHLOROPHENOL	UG/KG		850000 U	
				99999	2-NITROANILINE	UG/KG		850000 U	
				99999	3-NITROANILINE	UG/KG		850000 U	
				99999	DIBENZOFURAN	UG/KG		290 J	QG
				99999	4-NITROANILINE	UG/KG		350000 U	
				99999	DIMETHYLETHYLBENZENE	UG/KG		2500 J	QT
				99999	DIMETHYL NAPHTHALENE	UG/KG		15000 J	QT
				99999	ETHYLMETHYLBENZENE	UG/KG		3000 J	QT
				99999	DIMETHYLBENZENE	UG/KG		6700 J	QT
				99922	PCB-1016	UG/KG		180 U	
				99923	PCB-1221	UG/KG		360 U	
				99924	PCB-1232	UG/KG		180 U	
				99925	PCB-1242	UG/KG		180 U	
				99926	PCB-1248	UG/KG		180 U	
				99927	PCB-1254	UG/KG		180 U	
				99928	PCB-1260	UG/KG		180 U	
				01078	SILVER	MG/KG		2.9 J	QP
				01108	ALUMINUM	MG/KG		6120	
				01003	ARSENIC	MG/KG		4.8 J	QR
				01008	BARIUM	MG/KG		537 J	QP
				01013	BERYLLIUM	MG/KG		0.6 U	
				00917	CALCIUM	MG/KG		17500	
				01028	CADMIUM	MG/KG		35.1	
				01038	COBALT	MG/KG		7	
				01029	CHROMIUM	MG/KG		38	
				01043	COPPER	MG/KG		525	
				01170	IRON	MG/KG		32700	
				71921	MERCURY	MG/KG		0.16 J	QR
				99999	POTASSIUM	MG/KG		640	
				00924	MAGNESIUM	MG/KG		3370	

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097119	01053	MANGANESE	MG/KG		270	
				00934	SODIUM	MG/KG		565 U	
				01068	NICKEL	MG/KG		108	
				01052	LEAD	MG/KG		901	
				01098	ANTIMONY	MG/KG		26	
				01148	SELENIUM	MG/KG		0.56 U	QR
				34480	THALLIUM	MG/KG		0.88 U	
				01088	VANADIUM	MG/KG		17	
				01093	ZINC	MG/KG		1020	
NONE	91/07/10	1037							
DEPTH: 0000 SUBSTRATE: SEDIMENT									
DESCRIPTION: SOIL 2 GRAB									
			097120	34421	METHYL CHLORIDE	UG/KG		1500 U	
				34416	METHYL BROMIDE	UG/KG		1500 U	
				34495	VINYL CHLORIDE	UG/KG		1500 U	
				34314	CHLOROETHANE	UG/KG		1500 U	
				34426	METHYLENE CHLORIDE	UG/KG		1500 U	
				99930	ACETONE	UG/KG		1500 U	
				99999	CARBON DISULFIDE	UG/KG		1500 U	
				34504	1,1-DICHLOROETHYLENE	UG/KG		1500 U	
				34499	1,1-DICHLOROETHANE	UG/KG		1500 U	
				34549	TRANS 1,2 DICHLOROETHYLENE	UG/KG		1500 U	
				34318	CHLOROFORM	UG/KG		1500 U	
				34534	1,2-DICHLOROETHANE	UG/KG		1500 U	
				99999	2-BUTANONE	UG/KG		1500 U	
				34509	1,1,1-TRICHLOROETHANE	UG/KG		1500 U	
				34299	CARBON TETRACHLORIDE	UG/KG		1500 U	
				34330	DICHLOROBROMOMETHANE	UG/KG		1500 U	
				34544	1,2-DICHLOROPROPANE	UG/KG		1500 U	
				34564	1,3-DICHLOROPROPYLENE	UG/KG		1500 U	
				34487	TRICHLOROETHYLENE	UG/KG		90 J	
				34237	BENZENE	UG/KG		1500 U	
				99999	CIS-1,3-DICHLOROPROPENE	UG/KG		1500 U	
				34309	CHLORODIBROMOMETHANE	UG/KG		1500 U	
				34514	1,1,2-TRICHLOROETHANE	UG/KG		1500 U	
				34290	BROMOFORM	UG/KG		1500 U	
				34519	1,1,2,2-TETRACHLOROETHANE	UG/KG		1500 U	
				34478	TETRACHLOROETHYLENE	UG/KG		1500 U	
				34483	TOLUENE	UG/KG		1500 U	

COMPLETED ANALYSIS REPORT

REPORT DATE: 91/09/16

PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097120	34304	CHLOROBENZENE	UG/KG		1500 U	
				34374	ETHYLBENZENE	UG/KG		1500 U	
				99904	STYRENE	UG/KG		230 J	
				99999	XYLENES (TOTAL)	UG/KG		1500 U	
				34589	2-CHLOROPHENOL	UG/KG		1900000 U	
				34594	2-NITROPHENOL	UG/KG		1900000 U	
				34695	PHENOL	UG/KG		2600 J	
				34609	2,4-DIMETHYLPHENOL	UG/KG		2100 J	QG
				34604	2,4-DICHLOROPHENOL	UG/KG		1900000 U	
				34624	2,4,6-TRICHLOROPHENOL	UG/KG		1900000 U	
				99999	P-CHLORO-M-CRESOL	UG/KG		1900000 U	
				34619	2,4-DINITROPHENOL	UG/KG		4700000 U	
				34660	4,6-DINITRO-O-CRESOL	UG/KG		4700000 U	
				99999	PENTACHLOROPHENOL	UG/KG		4700000 U	
				99999	4-NITROPHENOL	UG/KG		4700000 U	
				34569	1,3-DICHLOROBENZENE	UG/KG		1900000 U	
				34574	1,4-DICHLOROBENZENE	UG/KG		1900000 U	
				34539	1,2-DICHLOROBENZENE	UG/KG		1900000 U	
				34399	HEXACHLOROETHANE	UG/KG		1900000 U	
				34394	HEXACHLOROBUTADIENE	UG/KG		1900000 U	
				34554	1,2,4-TRICHLOROBENZENE	UG/KG		1900000 U	
				34445	NAPHTHALENE	UG/KG		17000 J	
				34276	BIS(2-CHLOROETHYL) ET.	UG/KG		1900000 U	
				34281	BIS(2-CHLOROETHOXY) METH.	UG/KG		1900000 U	
				34411	ISOPHORONE	UG/KG		1900000 U	
				34450	NITROBENZENE	UG/KG		1900000 U	
				34431	N-NITROSODI-N-PROPYLAMINE	UG/KG		1900000 U	
				34436	N-NITROSODIPHENYLAMINE	UG/KG		1900000 U	
				34286	BIS(2-CHLOROISOPROPYL) ETH	UG/KG		1900000 U	
				34389	HEXACHLOROCYCLOPENTADIENE	UG/KG		1900000 U	
				34584	2-CHLORONAPHTHALENE	UG/KG		1900000 U	
				34203	ACENAPHTHYLENE	UG/KG		16000 J	
				34208	ACENAPHTHENE	UG/KG		21000 J	
				34384	FLUORENE	UG/KG		21000 J	
				39701	HEXACHLOROBENZENE	UG/KG		1900000 U	
				34639	4-BROMOPHENYL PHENYL ET.	UG/KG		1900000 U	
				34464	PHENANTHRENE	UG/KG		240000 J	
				34223	ANTHRACENE	UG/KG		73000 J	
				34344	DIMETHYL PHTHALATE	UG/KG		1900000 U	
				34339	DIETHYL PHTHALATE	UG/KG		1900000 U	
				39112	DI-N-BUTYLPPHTHALATE	UG/KG		1900000 U	

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PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097120	34295	BUTYL BENZYL PHTHALATE	UG/KG		1900000 U	
				34599	DI-N-OCTYL PHTHALATE	UG/KG		6900 J	
				39102	BIS(2-ETHYLHEXYL) PHTHAL.	UG/KG		59000 J	
				34379	FLUORANTHENE	UG/KG		400000 J	QR
				34472	PYRENE	UG/KG		370000 J	
				34323	CHRYSENE	UG/KG		200000 J	
				34529	1,2-BENZANTHRACENE	UG/KG		1900000 U	
				34644	4-CHLOROPHENYL PHENYL ET.	UG/KG		1900000 U	
				34406	INDENO(1,2,3-C,D) PYRENE	UG/KG		98000 J	
				34250	BENZO(A)PYRENE	UG/KG		180000 J	
				34524	1,12-BENZOPERYLENE	UG/KG		21000 J	
				34559	1,2:5,6-DIBENZANTHRACENE	UG/KG		22000 J	
				34634	3,3'-DICHLOROBENZIDENE	UG/KG		1900000 U	
				34629	2,6-DINITROTOLUENE	UG/KG		1900000 U	
				34614	2,4-DINITROTOLUENE	UG/KG		1900000 U	
				34349	1,2-DIPHENYLHYDRAZINE	UG/KG		1900000 U	
				34233	3,4-BENZOFLUORANTHENE	UG/KG		280000 J	
				34245	11,12-BENZOFLUORANTHENE	UG/KG		1900000 U	
				99999	BENZYL ALCOHOL	UG/KG		1900000 U	
				99999	2-METHYL PHENOL	UG/KG		1900000 U	
				77722	4-CHLOROANILINE	UG/KG		4700000 U	
				99999	BENZOIC ACID	UG/KG		1900000 U	
				77722	4-CHLOROANILINE	UG/KG		4700000 U	
				99999	ANILINE	UG/KG		1900000 U	
				99999	2-METHYL NAPHTHALENE	UG/KG		1900000 U	
				77733	2,4,5-TRICHLOROPHENOL	UG/KG		4700000 U	
				99999	2-NITROANILINE	UG/KG		4700000 U	
				99999	3-NITROANILINE	UG/KG		4700000 U	
				99999	DIBENZOFURAN	UG/KG		1900000 U	
				99999	4-NITROANILINE	UG/KG		1900000 U	
				99999	2,6-B1,1DIMETHYLETHYL4METHPH	UG/KG		96000 J	QT
				99999	DIBENZOTHIOPHENE	UG/KG		46000 J	QT
				99999	9H-CARBAZOLE	UG/KG		58000 J	QT
				99999	4-METHYLPHENANTHRENE	UG/KG		150000 J	QT
				99922	PCB-1016	UG/KG		470 U	
				99923	PCB-1221	UG/KG		950 U	
				99924	PCB-1232	UG/KG		470 U	
				99925	PCB-1242	UG/KG		470 U	
				99926	PCB-1248	UG/KG		470 U	
				99927	PCB-1254	UG/KG		470 U	
				99928	PCB-1260	UG/KG		470 U	

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PROJECT NO: 107

PROJECT NAME: VIDAN AUTO SALVAGE

STATION NO	DATE FROM TO	TIME OF DAY	LABNO	PARNO	PARAMETER NAME	UNITS	CHEMISTRY	VALUE & REMARK	QA/QC REMARK
			097120	01078	SILVER	MG/KG		32.5 J	QP
				01108	ALUMINUM	MG/KG		12100	
				01003	ARSENIC	MG/KG		6.9 J	QR
				01008	BARIUM	MG/KG		291 J	QP
				01013	BERYLLIUM	MG/KG		4.9	
				00917	CALCIUM	MG/KG		21200	
				01028	CADMIUM	MG/KG		62.7	
				01038	COBALT	MG/KG		21	
				01029	CHROMIUM	MG/KG		96	
				01043	COPPER	MG/KG		777	
				01170	IRON	MG/KG		28700	
				71921	MERCURY	MG/KG		0.17 J	QR
				99999	POTASSIUM	MG/KG		1990	
				00924	MAGNESIUM	MG/KG		10200	
				01053	MANGANESE	MG/KG		377	
				00934	SODIUM	MG/KG		786 U	
				01068	NICKEL	MG/KG		601	
				01052	LEAD	MG/KG		456	
				01098	ANTIMONY	MG/KG		27	
				01148	SELENIUM	MG/KG		5.7 J	QR
				34480	THALLIUM	MG/KG		0.64 U	
				01088	VANADIUM	MG/KG		47	
				01093	ZINC	MG/KG		933	
NONE	91/07/10	1105							
DEPTH: 0000	SUBSTRATE: OIL								
DESCRIPTION: DRUM									
			097121	34421	METHYL CHLORIDE	UG/KG		4000 U	QQ
				34416	METHYL BROMIDE	UG/KG		4000 U	QQ
				34495	VINYL CHLORIDE	UG/KG		4000 U	QQ
				34314	CHLOROETHANE	UG/KG		4000 U	QQ
				34426	METHYLENE CHLORIDE	UG/KG		4000 U	QQ
				99930	ACETONE	UG/KG		4000 U	QQ
				99999	CARBON DISULFIDE	UG/KG		4000 U	QQ
				34491	TRICHLOROFLUOROMETHANE	UG/KG		4000 U	QQ
				34504	1,1-DICHLOROETHYLENE	UG/KG		4000 U	QQ
				34499	1,1-DICHLOROETHANE	UG/KG		4000 U	QQ
				34549	TRANS 1,2 DICHLOROETHYLENE	UG/KG		4000 U	QQ
				34318	CHLOROFORM	UG/KG		4000 U	QQ
				34534	1,2-DICHLOROETHANE	UG/KG		4000 U	QQ

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			097121	99999	2-BUTANONE	UG/KG		4000 U	QQ
				34509	1,1,1-TRICHLOROETHANE	UG/KG		4000 U	QQ
				34299	CARBON TETRACHLORIDE	UG/KG		4000 U	QQ
				34330	DICHLOROBROMOMETHANE	UG/KG		4000 U	QQ
				99999	VINYL ACETATE	UG/KG		4000 U	QQ
				34544	1,2-DICHLOROPROPANE	UG/KG		4000 U	QQ
				34564	1,3-DICHLOROPROPYLENE	UG/KG		4000 U	QQ
				34487	TRICHLOROETHYLENE	UG/KG		4000 U	QQ
				34309	CHLORODIBROMOMETHANE	UG/KG		4000 U	QQ
				34514	1,1,2-TRICHLOROETHANE	UG/KG		4000 U	QQ
				34237	BENZENE	UG/KG		4000 U	QQ
				99999	CIS-1,3-DICHLOROPROPENE	UG/KG		4000 U	QQ
				34290	BROMOFORM	UG/KG		4000 U	QQ
				99999	4-METHYL-2-PENTANONE	UG/KG		4000 U	QQ
				99999	2-HEXANONE	UG/KG		4000 U	QQ
				34478	TETRACHLOROETHYLENE	UG/KG		4000 U	QQ
				34519	1,1,2,2-TETRACHLOROETHANE	UG/KG		4000 U	QQ
				34483	TOLUENE	UG/KG		4000 U	QQ
				34304	CHLOROBENZENE	UG/KG		4000 U	QQ
				34374	ETHYLBENZENE	UG/KG		4000 U	QQ
				99904	STYRENE	UG/KG		4000 U	QQ
				99999	XYLENES (TOTAL)	UG/KG		4000 U	QQ

***** END OF PROJECT *****