



FAX TRANSMISSION SHEET

**U.S. EPA, REGION 6
COMPLIANCE ASSURANCE AND ENFORCEMENT DIVISION
HAZARDOUS WASTE ENFORCEMENT BRANCH
TECHNICAL SECTION**

ST 0002

TRANSMISSION DATE: February 26, 2002

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Total Number of Pages (including title page): 7 If all pages were not received, please contact the sender.

COMMENTS: Rob,

SVE Sample results tables. Please call if you have any questions.

Thanks, Mike Hebert

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ATTACHMENT F

EPA/Sparton TCE Analytical Results Comparison (October 2001)

Location	TCE Analytical Result			
	EPA (ppmV)	SPARTON (ppmV)	EPA (mg/m ³)	Sparton (mg/m ³)
VR-1	0.88	1.1	4.8	4.9
VR-2	0.4	0.49	2.2	2.2
VR-4	0.22	0.25		
VR-5	0.045	0.022	0.25	0.1
VP-1	0.77D	0.022	0.02	0.1
VP-2	0.95	1.0		
VP-3	NS	NS	NS	NS
VP-4	0.5	0.4		
VP-5	0.33	0.4	1.8	1.8
VP-6	0.61	0.36		
VP-8	0.019	0.022	0.01	0.1
VP-9	0.26	0.2		
VP-10	0.01	0.05		
VP-11	0.014	0.022	0.005	0.1
VP-14	0.02	0.027	0.11	0.12
MW-7	0.43D	0.43		
MW-13	0.1	0.11	0.22	0.38
MW-15	0.4D	0.4		
MW-17	0.012	0.03	0.065	0.14
MW-18	0.7	1.21	3.8	5.4
MW-21	0.36	0.2464	2.0	1.1

This data is not validated, as specified in the QAPP;

Shaded area indicated concentrations in which EPA TCE concentrations exceeds Sparton TCE concentration;

D = Identifies compounds whose concentrations exceeded the calibration range; therefore the sample was diluted and reanalyzed; and

NS= Not sampled.

Note: VP-14 is the same location as TechLaw VP-14f

TCE = Trichloroethylene, or Trichloroethane

ATTACHMENT D

Analytical Results of EPA Split Samples

Compound	Analytical Results									
	MW-7		MW-13		MW-15		MW-17		MW-18	
	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³
Dichlorodifluoromethane	0.001U	0.005U	0.01U	0.05U	0.001U	0.005U	0.001U	0.005U	0.01U	0.05U
Chloromethane	0.001U	0.002U	0.01U	0.022U	0.001U	0.002U	0.001U	0.002U	0.01U	0.021U
1,2-Dichlorotetrafluoroethane	0.001U	0.007U	0.01U	0.071U	0.001U	0.007U	0.001U	0.007U	0.01U	0.071U
Chloroethane	0.001U	0.003U	0.01U	0.027U	0.001U	0.003U	0.001U	0.003U	0.01U	0.027U
Acetone	0.001U	0.001U	0.001U	0.022U	0.001U	0.001U	0.001U	0.001U	0.001U	0.029U
1,1-Dichloroethene	0.012U	0.012U	0.008U	0.032U	0.012U	0.012U	0.001U	0.012U	0.012U	0.032U
Trifluorotrchloroethane	0.013U	0.01U	0.01U	0.078U	0.013U	0.013U	0.001U	0.013U	0.013U	0.078U
Methylene Chloride	0.001U	0.001U	0.005U	0.021U	0.001U	0.001U	0.001U	0.001U	0.001U	0.027U
Carbon Disulfide	0.001U	0.001U	0.01U	0.032U	0.001U	0.001U	0.001U	0.003U	0.01U	0.032U
trans-1,2-Dichloroethene	0.001U	0.004U	0.01U	0.04U	0.001U	0.004U	0.001U	0.004U	0.01U	0.04U
1,1-Dichloroethane	0.001U	0.005U	0.01U	0.041U	0.001U	0.004U	0.001U	0.004U	0.01U	0.041U
2-Butanone	0.001U	0.003U	0.01U	0.03U	0.001U	0.003U	0.001U	0.003U	0.01U	0.03U
Chloroform	0.001U	0.001U	0.005U	0.031U	0.001U	0.001U	0.001U	0.005U	0.01U	0.049U
1,2-Dichloroethane	0.001U	0.001U	0.01U	0.041U	0.001U	0.004U	0.001U	0.004U	0.01U	0.041U
1,1,1-Trichloroethane	0.001U	0.001U	0.001U	0.031U	0.001U	0.001U	0.001U	0.001U	0.001U	0.031U
Benzene	0.001U	0.002U	0.01U	0.032U	0.001U	0.001U	0.001U	0.001U	0.01U	0.032U
Carbon Tetrachloride	0.001U	0.001U	0.01U	0.064U	0.001U	0.006U	0.001U	0.006U	0.01U	0.064U
Trichloroethene	0.001U	0.001U	0.01U	0.031U	0.001U	0.001U	0.001U	0.001U	0.001U	0.031U
4-Methyl-2-Pentanone	0.001U	0.004U	0.01U	0.042U	0.001U	0.001U	0.001U	0.004U	0.01U	0.042U
Toluene	0.001U	0.001U	0.001U	0.031U	0.001U	0.001U	0.001U	0.001U	0.001U	0.031U
Tetrachloroethene	0.001U	0.001U	0.01U	0.069U	0.001U	0.001U	0.001U	0.001U	0.001U	0.069U
Ethylbenzene	0.001U	0.001U	0.01U	0.044U	0.001U	0.001U	0.001U	0.001U	0.01U	0.044U
m,p-Xylene	0.001U	0.001U	0.01U	0.044U	0.001U	0.001U	0.001U	0.001U	0.01U	0.044U
o-Xylene	0.001U	0.001U	0.01U	0.044U	0.001U	0.001U	0.001U	0.001U	0.01U	0.044U
1,2,4-Trimethylbenzene	0.001U	0.001U	0.01U	0.05U	0.001U	0.001U	0.001U	0.005U	0.01U	0.05U

This data is not validated, as specified in the QAPP;

U= Not Detected;

J= Estimated value; Concentration is below limit of quantitation;

MW = Monitoring Well;

D= Identifies compounds whose concentrations exceeded the calibration range; therefore the sample was diluted and reanalyzed;

mg/m³ = milligrams per cubic meter; and

ppmV= parts per million by volume.

Shaded cells indicate the compound concentration that has been detected for that location.

ATTACHMENT D (continued)
Analytical Results of EPA Split Samples

Compound	Analytical Results									
	VP-1		VP-2		VR-4		VP-5		VP-6	
	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³
Dichlorodifluoromethane	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U
Chloromethane	0.01U	0.021U	0.01U	0.021U	0.01U	0.021U	0.01U	0.021U	0.01U	0.021U
1,2-Dichlorotetrafluoroethane	0.01U	0.071U	0.01U	0.071U	0.01U	0.071U	0.01U	0.071U	0.01U	0.071U
Chloroethane	0.01U	0.027U	0.01U	0.027U	0.01U	0.027U	0.01U	0.027U	0.01U	0.027U
Acetone	0.01U	0.059U	0.01U	0.059U	0.01U	0.059U	0.01U	0.059U	0.01U	0.059U
1,1-Dichloroethene	0.01U	0.049U	0.01U	0.049U	0.01U	0.049U	0.01U	0.049U	0.01U	0.049U
Trifluorotrichloroethane	0.01U	0.078U	0.01U	0.078U	0.01U	0.078U	0.01U	0.078U	0.01U	0.078U
Methylene Chloride	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U
Carbon Disulfide	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U
trans-1,2-Dichloroethane	0.01U	0.04U	0.01U	0.04U	0.01U	0.04U	0.01U	0.04U	0.01U	0.04U
1,1-Dichloroethane	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U
2-Butanone	0.01U	0.03U	0.01U	0.03U	0.01U	0.03U	0.01U	0.03U	0.01U	0.03U
Chloroform	0.01U	0.049U	0.01U	0.049U	0.01U	0.049U	0.01U	0.049U	0.01U	0.049U
1,2-Dichloroethane	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U
1,1,1-Trichloroethane	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U
Benzene	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U
Carbon Tetrachloride	0.01U	0.064U	0.01U	0.064U	0.01U	0.064U	0.01U	0.064U	0.01U	0.064U
Trichloroethene	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U
4-Methyl-2-Pentanone	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U
Toluene	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
Tetrachloroethene	0.01U	0.069U	0.01U	0.069U	0.01U	0.069U	0.01U	0.069U	0.01U	0.069U
Ethylbenzene	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
m,p-Xylene	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
o-Xylene	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
1,2,4-Trimethylbenzene	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U

* This data is not validated, as specified in the QAPP;

U= Not Detected;

J= Estimated value; Concentration is below limit of quantitation;

VP = Vapor Probe;

D= Identifies compounds whose concentrations exceeded the calibration range; therefore the sample was diluted and reanalyzed;

mg/m³ = milligrams per cubic meter; and

ppmV= parts per million by volume.

Shaded cells indicate the compound concentration that has been detected for that location.

ATTACHMENT D (continued)
Analytical Results of EPA Split Samples

Compound	Analytical Results									
	VP-8		VP-9		VP-10		VP-11		VR-2	
	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³
Dichlorodifluoromethane	0.001U	0.005U	0.01U	0.05U	0.001U	0.005U	0.001U	0.005U	0.01U	0.05U
Chloromethane	0.0006U	0.003U	0.01U	0.021U	0.001U	0.002U	0.001U	0.002U	0.01U	0.021U
1,2-Dichlorotetrafluoroethane	0.001U	0.007U	0.01U	0.071U	0.001U	0.007U	0.001U	0.007U	0.01U	0.071U
Chloroethane	0.001U	0.003U	0.01U	0.027U	0.001U	0.003U	0.001U	0.003U	0.01U	0.027U
Acetone	0.001U	0.005U	0.01U	0.027U	0.001U	0.005U	0.001U	0.005U	0.01U	0.027U
1,1-Dichloroethene	0.005U	0.025U	0.069U	0.26U	0.01U	0.05U	0.0009U	0.0045U	0.005U	0.025U
Trifluorotrichloroethane	0.002U	0.016U	0.01U	0.078U	0.002U	0.015U	0.001U	0.008U	0.01U	0.078U
Methylene Chloride	0.002U	0.016U	0.005U	0.018U	0.002U	0.016U	0.01U	0.008U	0.005U	0.018U
Carbon Disulfide	0.004U	0.032U	0.01U	0.032U	0.001U	0.003U	0.001U	0.003U	0.01U	0.032U
trans-1,2-Dichloroethene	0.001U	0.004U	0.01U	0.04U	0.001U	0.004U	0.001U	0.004U	0.01U	0.04U
1,1-Dichloroethane	0.001U	0.004U	0.01U	0.041U	0.001U	0.004U	0.001U	0.004U	0.01U	0.041U
2-Butanone	0.002U	0.016U	0.01U	0.03U	0.002U	0.016U	0.001U	0.008U	0.01U	0.03U
Chloroform	0.001U	0.005U	0.01U	0.055U	0.001U	0.005U	0.001U	0.005U	0.01U	0.055U
1,2-Dichloroethane	0.001U	0.004U	0.01U	0.041U	0.001U	0.004U	0.001U	0.004U	0.01U	0.041U
1,1,1-Trichloroethane	0.001U	0.005U	0.01U	0.055U	0.001U	0.005U	0.001U	0.005U	0.01U	0.055U
Benzene	0.001U	0.005U	0.01U	0.032U	0.001U	0.005U	0.001U	0.005U	0.01U	0.032U
Carbon Tetrachloride	0.001U	0.006U	0.01U	0.064U	0.001U	0.006U	0.001U	0.006U	0.01U	0.064U
Trichloroethene	0.001U	0.005U	0.01U	0.055U	0.001U	0.005U	0.001U	0.005U	0.01U	0.055U
4-Methyl-2-Pentanone	0.001U	0.004U	0.01U	0.042U	0.001U	0.004U	0.001U	0.004U	0.01U	0.042U
Toluene	0.006U	0.048U	0.008U	0.032U	0.006U	0.048U	0.006U	0.048U	0.008U	0.032U
Tetrachloroethene	0.001U	0.005U	0.01U	0.069U	0.001U	0.005U	0.001U	0.005U	0.01U	0.069U
Ethylbenzene	0.001U	0.004U	0.01U	0.044U	0.001U	0.004U	0.001U	0.004U	0.01U	0.044U
m,p-Xylene	0.001U	0.004U	0.01U	0.044U	0.001U	0.004U	0.001U	0.004U	0.01U	0.044U
o-Xylene	0.002U	0.008U	0.01U	0.044U	0.002U	0.008U	0.001U	0.004U	0.01U	0.044U
1,2,4-Trimethylbenzene	0.001U	0.004U	0.01U	0.05U	0.001U	0.005U	0.001U	0.005U	0.01U	0.05U

This data is not validated, as specified in the QAPP:
 U= Not Detected;
 J= Estimated value; Concentration is below limit of quantitation;
 VP = Vapor Probe;
 VR = Vapor Recovery Well;
 mg/m³ = milligrams per cubic meter; and
 ppmV= parts per million by volume.
 Shaded cells indicate the compound concentration that has been detected for that location.

ATTACHMENT D (continued)
Analytical Results of EPA Split Samples

Compound	Analytical Results									
	VP-14I		VP-14		MW-21		VR-11		VR-1	
	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³	ppmV	mg/m ³
Dichlorodifluoromethane	0.003	0.015	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U
Chloromethane	0.003	0.006	0.01U	0.021U	0.01U	0.021U	0.01U	0.043U	0.01U	0.021U
1,2-Dichlorotetrafluoroethane	0.001U	0.007U	0.01U	0.071U	0.01U	0.071U	0.01U	0.071U	0.01U	0.071U
Chloroethane	0.001U	0.003U	0.01U	0.027U	0.01U	0.027U	0.01U	0.027U	0.01U	0.044U
Acetone	0.047	0.11	0.027U	0.029U	0.025U	0.029U	0.036	0.09	0.01U	0.024U
1,1-Dichloroethene	0.002	0.008	0.026U	0.078U	0.025U	0.078U	0.032U	0.10	0.01U	0.024U
Trifluorotrchloroethane	0.003	0.008	0.01U	0.078U	0.01U	0.078U	0.032U	0.10	0.01U	0.024U
Methylene Chloride	0.06	0.25	0.023U	0.078U	0.025U	0.086U	0.032U	0.10	0.01U	0.024U
Carbon Disulfide	0.001U	0.003U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U
trans-1,2-Dichloroethene	0.001U	0.004U	0.01U	0.04U	0.01U	0.04U	0.01U	0.04U	0.01U	0.04U
1,1-Dichloroethane	0.001U	0.004U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U
2-Butanone	0.001U	0.003U	0.01U	0.03U	0.01U	0.03U	0.01U	0.03U	0.01U	0.03U
Chloroform	0.0005	0.003	0.01U	0.049U	0.01U	0.049U	0.003	0.01	0.01U	0.049U
1,2-Dichloroethane	0.001U	0.004U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U	0.01U	0.041U
1,1,1-Trichloroethane										
Benzene			0.01U	0.032U	0.01U	0.032U	0.01U	0.032U	0.01U	0.032U
Carbon Tetrachloride	0.001U	0.006U	0.01U	0.064U	0.01U	0.064U	0.01U	0.064U	0.01U	0.064U
Trichloroethene										
4-Methyl-2-Pentanone	0.001U	0.004U	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U	0.01U	0.042U
Toluene										
Tetrachloroethene			0.01U	0.069U	0.01U	0.069U	0.01U	0.069U	0.01U	0.069U
Ethylbenzene			0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
m,p-Xylene			0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
o-Xylene			0.01U	0.044U	0.01U	0.044U	0.01U	0.044U	0.01U	0.044U
1,2,4-Trimethylbenzene	0.001U	0.005U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U	0.01U	0.05U

This data is not validated, as specified in the QAPP;
 U= Not Detected;
 J= Estimated value; Concentration is below limit of quantitation;
 VP = Vapor Probe;
 VR = Vapor Recovery Well;
 MW = Monitoring Well;
 mg/m³ = milligrams per cubic meter;
 ppmV = parts per million by volume;
 VP-14 = Duplicate sample of MW-21; and
 VR-11 = Duplicate sample of VR-1.
 Shaded cells indicate the compound concentration that has been detected for that location.

ATTACHMENT D (Continued)
Analytical Results of EPA Split Samples

Compound	Analytical Results			
	VR-5		VP-4	
	ppmV	mg/m ³	ppmV	mg/m ³
Dichlorodifluoromethane	0.01U	0.05U	0.01U	0.05U
Chloromethane	0.01U	0.021U	0.01U	0.021U
1,2-Dichlorotetrafluoroethane	0.01U	0.071U	0.01U	0.071U
Chloroethane	0.01U	0.027U	0.01U	0.027U
Acetone	0.01U	0.03U	0.01U	0.03U
1,1-Dichloroethene	0.01U	0.02U	0.01U	0.02U
Trifluorotrchloroethane	0.01U	0.078U	0.01U	0.078U
Methylene Chloride	0.01U	0.06U	0.01U	0.06U
Carbon Disulfide	0.01U	0.032U	0.01U	0.032U
trans-1,2-Dichloroethene	0.01U	0.04U	0.01U	0.04U
1,1-Dichloroethane	0.01U	0.041U	0.01U	0.041U
2-Butanone	0.01U	0.03U	0.01U	0.03U
Chloroform	0.01U	0.03U	0.01U	0.03U
1,2-Dichloroethane	0.01U	0.041U	0.01U	0.041U
1,1,1-Trichloroethane	0.01U	0.03U	0.01U	0.03U
Benzene	0.01U	0.032U	0.01U	0.032U
Carbon Tetrachloride	0.01U	0.064U	0.01U	0.064U
Trichloroethene	0.01U	0.03U	0.01U	0.03U
4-Methyl-2-Pentanone	0.01U	0.042U	0.01U	0.042U
Toluene	0.01U	0.03U	0.01U	0.03U
Tetrachloroethene	0.01U	0.069U	0.01U	0.069U
Ethylbenzene	0.01U	0.044U	0.01U	0.044U
m,p-Xylene	0.01U	0.044U	0.01U	0.044U
o-Xylene	0.01U	0.044U	0.01U	0.044U
1,2,4-Trimethylbenzene	0.01U	0.05U	0.01U	0.05U

This data is not validated, as specified in the QAPP;
 U= Not Detected;
 J= Estimated value; Concentration is below limit of quantitation;
 VP = Vapor Probe;
 VR = Vapor Recovery Well;
 mg/m³ = milligrams per cubic meter;
 ppmV = parts per million by volume; and
 Shaded cells indicate the compound concentration that has been detected for that location.