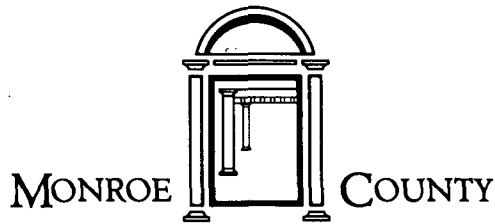

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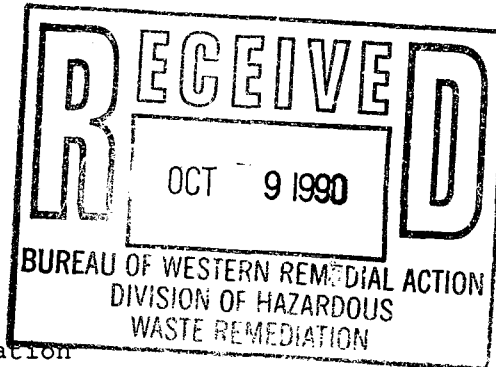
GA
SWAYNE

DEPARTMENT OF ENGINEERING

THOMAS R. FREY
COUNTY EXECUTIVE

October 4, 1990

JOHN M. DAVIS, P.E.
DIRECTOR
Office: 716-274-7630
FAX: 716-274-7624



Mr. George Harris
Chief, Remedial Action Section C
Division of Hazardous Waste Remediation
New York State Department of
Environmental Conservation
Room 222
50 Wolf Road
Albany, New York 12233-7010

RE: STATE - MT. HOPE TUNNEL
C-36-745-10
ROCHESTER PURE WATERS DISTRICT

Data from the analysis of liquid, soil and muck samples for the period from August 1, 1990 to August 31, 1990 are enclosed for your information and use.

Sincerely,

Philip W. Steinfeldt
Associate Engineer

/td
Enclosures

cc: Mr. Mike Khalil, DEC, Avon, w/encl.
Mr. Jim Smith, H & A of New York
File

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 1 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 1
CONTRACTOR:	GCF Constructors	PILE: 7433-82
WEATHER:	Sunny 75°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15, 27, and 28 as no drop shaft excavation was performed.

No headspace screening was performed, and no Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>
S. Parker	1700-1730 (0.5 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	2 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 2
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Sunny 80°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of soil excavated from the overflow/bypass conduit at Site 15 at 0930 hrs. The sample was obtained from the stockpile adjacent to Control Structure 41. The excavation was advanced to approximately 15 ft. below ground surface at the time of sampling.

No samples were obtained from Sites 27 and 28 as no drop shaft excavation was performed.

No headspace screening was performed as the Photovac 10s50 gas chromatograph was not available. Headspace screening will be performed on 3 August 1990.

No Shift Data Tables were prepared.

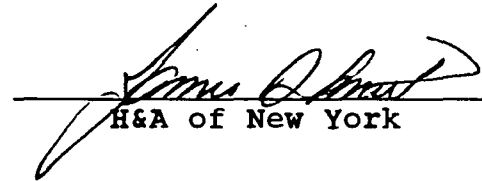
PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 2 August 1990
 Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0900-1000 (1.0 hrs.)	1045-1115 1245-1730 (5.25 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 3 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Sunny 85°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the 12-ft. diameter drop structure at Site 27 and sample of soil excavated from the overflow/bypass conduit at Site 15. Performed headspace screening on both samples and on sample SM15/0930, collected on 2 August 1990, using the Photovac 10s50 gas chromatograph.

No samples were obtained from Site 28 as no drop shaft excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 3 August 1990
 Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1000-1045 (0.75 hrs.)	1045-1200 1245-1345 (2.25 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt

H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 H&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 3 August 1990
 SHIFT: Day
 DFR NO.: 118

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^S	TOTAL DETECTED
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^S	TOTAL DETECTED
SM15/0930**	—	—	—	—	—	—	—	—	—	—	—	—
SM27/1015	—	—	—	—	—	—	—	—	—	0.32	0.15	0.47
SM15/1020	—	—	—	—	—	—	—	—	—	—	0.01	0.01

REMARKS/ VISITORS:

Collected sample of muck excavated from the 12-ft. diameter drop structure at Site 27 at 1015 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately

95 ft. below ground surface at the time of sampling.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1020 hrs.

Sample obtained from stockpile adjacent to Control Structure 41. Excavation advanced to approximately

17 ft. below ground surface at the time of sampling. Sample consisted of fill visually classified as brown

silty coarse to fine SAND, little clay, trace brick.

No samples were obtained at Site 28 as no drop shaft excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

NOTES: 1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.

2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

3. (**) INDICATES SAMPLE WAS OBTAINED ON 2 AUGUST 1990.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 6 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Cloudy 70°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the 12-ft. diameter drop structure at Site 27, and performed headspace screening using the Photovac 10s50 gas chromatograph.

No samples were obtained from Sites 15 or 28 as no drop shaft excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 6 August 1990
Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0915-0945	0945-1145
	1530-1615	1245-1530
	(1.25 hrs.)	1615-1715
		(5.75 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL

TUNNEL HEADINGS AT

FILE: 7433-82

CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT

START: —

PAGE: 1 OF 2

H&A REPRESENTATIVE: S. Parker

END: —

DATE: 8 August 1990

CHECKED BY: S. Parker

ADVANCE: —

SHIFT: Day

DFR NO.: 117

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
SM27/1600	—	—	—	—	—	—	—	—	0.01	—	0.05	0.06

REMARKS/ VISITORS:

Collected sample of muck excavated from the 12-ft. diameter drop structure at Site 27 at 1600 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately

98 ft. below ground surface at the time of sampling.

No sample were obtained from Sites 15 or 28 as no drop shaft excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

- TM TUNNEL MUCK
- TS TUNNEL SEEP
- SM# SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:
- 1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 - 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 7 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 1
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Sunny 75°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1655 hrs. The sample was obtained from the stockpile adjacent to the structure. The depth of the cut at the time of sampling varied across the excavation, and the approximate depth of the sample was not determined. Sample consisted of fill visually classified as brown silty SAND, trace brick and gravel.

Headspace screening will be performed on 8 August 1990.

No samples were obtained from Sites 27 or 28 as no drop shaft excavation was performed.

No Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1630-1715 (0.75 hrs.)	0800-1020 (2.5 hrs.)

DISTRIBUTION

STV/Seelye Stevenson:	Mr. Richard Richter Mr. Suki Suresh
MCDOE:	Mr. Phil Steinfeldt


H&A of New York

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 8 August 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Sunny 80°

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

Performed headspace screening on SM15/1655, collected on 7 August 1990, using the Photovac 10s70 gas chromatograph.

No samples were obtained from Sites 15, 27 and 28 as no drop shaft excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 8 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 2 of 2 FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1730-1800 (0.5 hrs.)	1630-1700 (0.5 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 H&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 8 August 1990
 SHIFT: Day
 DFR NO.: 119

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
SM15/1655**	—	—	—	—	—	—	—	—	—	—	—	—

REMARKS/ VISITORS:

No sample were obtained from Sites 15, 27, and 28 as no drop shaft excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

NOTES:

1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.
3. (**) INDICATES SAMPLE WAS OBTAINED ON 7 AUGUST 1990.

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 9 August 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Sunny 80°

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15, 27, and 28.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained samples of muck excavated from the overflow/weir structures at Sites 27 and 28, and performed headspace screening using the Photovac 10s70 gas chromatograph.

No samples were obtained from Site 15 as no drop shaft excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

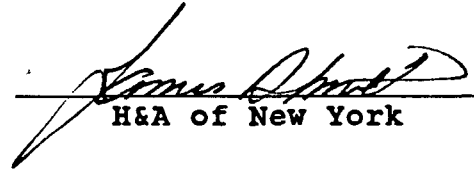
PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 9 August 1990
 Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0910-0925 (0.25 hrs.)	1600-1700 (1.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 H&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 9 August 1990
 SHIFT: Day
 DFR NO.: 120

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^S	
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED	
	TIME	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE		UNKNOWN ^S
SM27/0910		—	—	—	—	—	—	—	—	—	5.81	0.30	5.91
SM28/0925		—	—	—	—	—	—	—	0.01	—	—	0.95	0.96

REMARKS/ VISITORS:

Collected sample of muck excavated from the overflow/weir structure at Site 27 at 0910 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately

40 ft. below ground surface at the time of sampling.

Collected sample of muck excavated from the overflow/weir structure at Site 28 at 0925 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately

65 ft. below ground surface at the time of sampling.

No sample were obtained from Site 15 as no drop shaft excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:
1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	10 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Sunny 85°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15 and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15 and 28 as no drop shaft excavation was performed.

No headspace screening was performed, and no Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>
S. Parker	1100-1200 (1.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson:	Mr. Richard Richter Mr. Suki Suresh
MCDOE:	Mr. Phil Steinfeldt


H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	13 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	PILE:	7433-82
WEATHER:	Rain 70°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Sites 15 and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15 and 28 as no drop shaft excavation was performed.

No headspace screening was performed, and no Shift Data Tables were prepared.

FIELD REPRESENTATIVE

S. Parker


TIME ON SITE

1700-1715
(0.25 hrs)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	14 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Cloudy 80°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Sites 15 and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15 and 28 as no drop shaft excavation was performed.


No headspace screening was performed, and no Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0800-0900 (1.0 hrs.)	900-1200 1245-1545 1600-1630 (6.5 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	15 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Sunny 75°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Sites 15 and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15 and 28 as no drop shaft excavation was performed.

No headspace screening was performed, and no Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1300-1330 (0.5 hrs.)	1030-1200 1245-1300 1330-1400 (2.25 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 16 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 1
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Partly cloudy 80°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Sites 15 and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15 and 28 as no drop shaft excavation was performed.

No headspace screening was performed, and no Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1145-1200 (0.25 hrs.)	0815-0900 1030-1145 1230-1330 (3.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt

H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	17 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Sunny 80°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Sites 15 and 28.

FIELD REPRESENTATIVE ACTIVITIES:

No samples were obtained from Sites 15 and 28 as no drop shaft excavation was performed.

No headspace screening was performed, and no Shift Data Tables were prepared.

FIELD REPRESENTATIVE
S. Parker

TIME ON SITE
1345-1400
(0.25 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 20 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Partly cloudy 75°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Sites 15 and 27. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and soil sample from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph.

No sample was obtained from Site 27 as no apparent excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL
Rochester, New York
CLIENT: STV/Seelye Stevenson Value
& Knecht

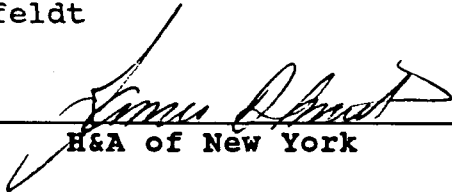
DATE: 20 August 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0900-0930	0830-1200
	1345-1415	1245-1345
	(1.0 hrs.)	1415-1645
		(7.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 &A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 20 August 1990
 SHIFT: Day
 DFR NO.: 127

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
SM15/0910	—	—	—	—	—	—	—	—	—	—	—	—
TM/1355	0.13**	—	0.32**	0.16**	—	—	—	—	—	—	2.13	2.74

REMARKS/ VISITORS:

No sample was obtained from Site 27 as no apparent excavation was performed.

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1355 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 0910 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately 30 ft.

below ground surface at the time of sampling. Sample consisted of fill visually classified as brown

silty CLAY, trace coarse to fine sand, trace brick and roots.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

NOTES:

- (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
- COMPOUNDS LESS THAN 10 PPB NOT REPORTED.
- (**) INDICATES IDENTIFICATION OF COMPOUND IS CONSIDERED TO BE TENTATIVE DUE TO RETENTION TIME DRIFT.
INSTRUMENT TO BE RECALIBRATED AND SAMPLES TO BE REANALYZED ON 21 AUGUST 1990.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 21 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Cloudy 75°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Site 15. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and sample of soil from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph. Conducted additional headspace screening on sample TM/1355, collected on 20 August 1990.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 21 August 1990
Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value FILE: 7433-82
& Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1445-1530 (0.75 hrs.)	0800-0900 0930-1200 1345-1445 1530-1600 1615-1715 (6.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 H&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 21 August 1990
 SHIFT: Day
 DFR NO.: 128

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
TM/1355D**	—	—	—	—	0.06	—	—	—	—	0.21	5.22	5.49
SM15/1500	—	—	—	—	—	—	—	—	—	—	0.01	0.01
TM/1520	—	—	—	—	—	—	—	—	—	23.57	2.54	26.11

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1520 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1500 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately 34 ft.

below ground surface at the time of sampling. Sample consisted of fill visually classified as brown

clayey SILT, little coarse to fine sand, trace brick and roots.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

NOTES:

- (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
- COMPOUNDS LESS THAN 10 PPB NOT REPORTED.
- D INDICATES DUPLICATE ANALYSIS PERFORMED FOLLOWING APPARENT DETECTION OF VINYL CHLORIDE, CIS(1,2)DCE, AND BENZENE DURING ORIGINAL ANALYSIS ON 20 AUGUST 1990. CHROMATOGRAM RESULTS DID NOT CONFIRM PRESENCE OF THESE COMPOUNDS.
- (**) INDICATES SAMPLE WAS OBTAINED ON 20 AUGUST 1990.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 22 Aug. 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Cloudy, 75 ^o	

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Site 15. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and sample of soil from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

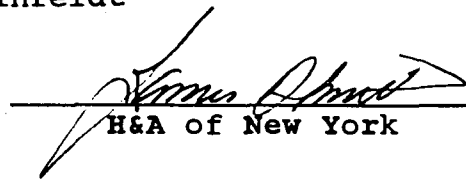
PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 22 August 1990
 Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value FILE: 7433-82
 & Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1000-1145	0815-1000
	1230-1330	1400-1700
	(2.75 hrs.)	(4.75 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
H&A REPRESENTATIVE: S. Parker
CHECKED BY: S. Parker

TUNNEL HEADINGS AT
START: --
END: --
ADVANCE: --

FILE: 7433-82
PAGE: 1 OF 2
DATE: 22 August 1990
SHIFT: Day
DFR NO.: 129

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
SM15/1315	--	--	--	--	--	--	--	--	--	--	--	--
TM/1345	--	--	--	--	--	--	--	--	0.01	2.33	1.27	3.61

EMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1345 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1315 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately 35 ft.

below ground surface at the time of sampling. Sample consisted of fill visually classified as brown

clayey SILT, little coarse to fine sand, trace brick and roots.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:
1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 23 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Sunny 75°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Site 15. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and sample of soil from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL
Rochester, New York
CLIENT: STV/Seelye Stevenson Value
& Knecht

DATE: 23 August 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1500-1545 (0.75 hrs.)	0930-1200 1230-1500 1545-1645 (6.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL

TUNNEL HEADINGS AT

FILE: 7433-82

CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT

START: --

PAGE: 1 OF 2

&A REPRESENTATIVE: S. Parker

END: --

DATE: 23 August 1990

CHECKED BY: S. Parker

ADVANCE: --

SHIFT: Day

DFR NO.: 130

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS							
	TIME	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
TM/1530		--	--	--	--	--	--	--	--	--	--	--	--
SM15/1520		--	--	--	--	--	--	--	--	--	--	--	--

EMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1530 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1520 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately 35 ft.

below ground surface at the time of sampling. Sample consisted of fill visually classified as brown

clayey SILT, little coarse to fine sand, trace brick and roots.

ABBREVIATIONS:

SAMPLE TYPE:

- TM TUNNEL MUCK
- TS TUNNEL SEEP
- SM# SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:
1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	24 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 2
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Partly cloudy 80°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Site 15. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and performed headspace screening using the Photovac 10s70 gas chromatograph.

No samples were obtained from Site 15 as no excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 24 August 1990
Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1500-1530 (0.5 hrs.)	0900-1030 1530-1700 (3.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL

TUNNEL HEADINGS AT

FILE: 7433-82

CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT

START: —

PAGE: 1 OF 2

&A REPRESENTATIVE: S. Parker

END: —

DATE: 24 August 1990

CHECKED BY: S. Parker

ADVANCE: —

SHIFT: Day

DFR NO.: 131

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
	—	—	—	—	—	—	—	—	—	—	—	—
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
TM/1520	—	—	—	—	0.01	—	—	—	—	0.04	0.37	0.42

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1520 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

ABBREVIATIONS:

SAMPLE TYPE:

- TM TUNNEL MUCK
- TS TUNNEL SEEP
- SM# SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:
- 1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 - 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	27 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 2
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Partly cloudy 80°		

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Site 15. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and performed headspace screening using the Photovac 10s70 gas chromatograph.

No samples were obtained from Site 15 as no apparent excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 27 August 1990
 Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1100-1200	0745-0815
	1230-1300	1300-1415
	1500-1530	1530-1645
	(2.0 hrs.)	(3.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT.
 E&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 27 August 1990
 SHIFT: Day
 DFR NO.: 132

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
	—	—	—	—	—	—	—	—	—	—	—	—
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
TM/1515	—	—	—	—	—	—	—	—	—	—	0.01	0.01

EMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1515 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

No samples were obtained from Site 15 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM TUNNEL MUCK
TS TUNNEL SEEP
SM# SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:**
1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 28 August 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Cloudy 85°

CONTRACTOR ACTIVITIES:

Continued work on surface structures at Site 15. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1125 hrs. The sample was obtained from the stockpile at Site 41. The excavation was advanced to approximately 15 ft. below ground surface at the time of sampling. Sample consisted of fill visually characterized as silty coarse to fine sand.

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1550 hrs. The sample was obtained from the stockpile adjacent to the overflow/weir structure at Site 28.

Obtained tunnel seep sample from Station 36+25 to be used for headspace screening only, at the request of P. Steinfeldt.

Headspace screening will be performed on 29 August 1990.

No Shift Data Tables were prepared.

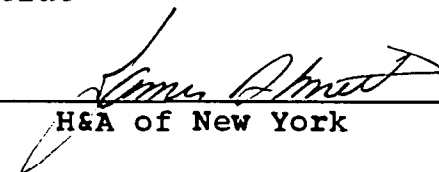
PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 28 August 1990
 Rochester, New York PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0800-1130	1315-1345
	1545-1600	1515-1545
	(3.75 hrs.)	1645-1700
		(1.25 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 29 August 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Sunny 75°

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15 and 27. Continued mining shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and a sample of soil excavated from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph. Screened samples TM/1550, SM15/1125, and TS/0950 collected on 28 August 1990.

No sample was obtained from Site 27 as no apparent excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL **DATE:** 29 August 1990
 Rochester, New York **PAGE:** 2 of 2
CLIENT: STV/Seelye Stevenson Value & **FILE:** 7433-82
 Knecht

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1545-1615 (0.5 hrs.)	0830-1200 1330-1345 1615-1700 (4.5 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
 Mr. Suki Suresh

MCDOE: Mr. Phil Steinfeldt



H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 H&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 29 August 1990
 SHIFT: Day
 DFR NO.: 134

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^S *	
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	O-XYLENE	UNKNOWN ^S *	
TM/1550**	—	—	—	—	0.11	—	—	—	0.06	0.06	3.01	3.24
SM15/1125**	—	—	—	—	—	—	—	—	—	—	0.06	0.06
TS/0950**	—	—	—	—	—	—	—	—	—	—	0.07	0.07
TM/1615	—	—	—	—	—	—	—	—	—	—	0.01	0.01
SM15/1600	—	—	—	—	—	—	—	—	—	—	0.03	0.03

EMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1615 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1600 hrs.

Sample obtained from stockpile located at Site 41. Excavation advanced to approximately 10 ft. below

ground surface at the time of sampling. Sample consisted of fill visually classified as brown silty coarse

to fine SAND, trace brick and roots.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

NOTES:

1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.
3. (**) INDICATES SAMPLE WAS OBTAINED ON 28 AUGUST 1990.

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 30 August 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Partly cloudy 80°

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15 and 27. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and a sample of soil excavated from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph.

No sample was obtained from Site 27 as no apparent excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL
Rochester, New York
CLIENT: STV/Seelye Stevenson Value &
Knecht

DATE: 30 August 1990
PAGE: . 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1400-1430 (0.5 hrs.)	0800-0930 1230-1315 1345-1400 1430-1615 (4.25 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh
MCDOE: Mr. Phil Steinfeldt

H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 AGENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 SA REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 30 August 1990
 SHIFT: Day
 DFR NO.: 135

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	TOTAL DETECTED
TM/1410	—	—	—	0.03	0.09	—	—	—	0.05	0.01	1.13	1.31
SM15/1420	—	—	—	—	—	—	—	—	—	—	0.02	0.02

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1410 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1420 hrs.

Sample obtained from stockpile adjacent to the structure. Excavation advanced to approximately 15 ft.

below ground surface at the time of sampling. Sample consisted of fill visually classified as brown

silty coarse to fine SAND, trace brick and roots.

No sample was obtained from Site 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

- NOTES:
1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 31 August 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Sunny 80°	

CONTRACTOR ACTIVITIES:

Continued work on surface structures and/or drop structures at Sites 15 and 27. Continued mining the shallow tunnel between Sites 28 and 29.

FIELD REPRESENTATIVE ACTIVITIES:

Obtained sample of muck excavated from the shallow tunnel between Sites 28 and 29, and a sample of soil excavated from the overflow/bypass conduit structure at Site 15. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph.

No sample was obtained from Site 27 as no apparent excavation was performed.

TEST DATA SUMMARY:

None of the action threshold levels for the targeted compounds referenced in the 1 March 1990 workplan (benzene, toluene, 1,2-DCE, methylene chloride, and vinyl chloride) were exceeded during the monitoring period.

Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL
Rochester, New York
DATE: 31 August 1990
PAGE: 2 of 2
CLIENT: STV/Seelye Stevenson Value &
Knecht
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1245-1300	0800-0900
	1400-1425	1230-1245
	(0.5 hrs.)	1300-1330
		1415-1530
		(3.0 hrs.)

DISTRIBUTION

STV/Seelye Stevenson: Mr. Richard Richter
Mr. Suki Suresh
MCDOE: Mr. Phil Steinfeldt


H&A of New York

SHIFT DATA TABLE

PROJECT: STATE ST. MT. HOPE AVE TUNNEL
 CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT
 H&A REPRESENTATIVE: S. Parker
 CHECKED BY: S. Parker

TUNNEL HEADINGS AT
 START: —
 END: —
 ADVANCE: —

FILE: 7433-82
 PAGE: 1 OF 2
 DATE: 31 August 1990
 SHIFT: Day
 DFR NO.: 136

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN'S*	
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TUNNEL MUCK/ SHAFT/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						TOTAL DETECTED
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE (PERCENT)	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN'S*	
TM/1415	—	—	—	0.01	0.09	—	—	—	0.08	—	0.54	0.70
SM15/1300	—	—	—	—	—	—	—	—	—	—	0.02	0.02

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1415 hrs.

Sample obtained from stockpile adjacent to the overflow/weir structure at Site 28.

Collected sample of soil excavated from the overflow/bypass conduit structure at Site 15 at 1300 hrs.

Sample obtained from stockpile at Site 41. Excavation advanced to approximately 15 ft. below

ground surface at the time of sampling. Sample consisted of fill visually classified as brown

silty coarse to fine SAND, trace brick.

No sample was obtained from Site 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM	TUNNEL MUCK
TS	TUNNEL SEEP
SM#	SHAFT SOIL OR MUCK FROM SITE 15, 27, OR 28

NOTES: 1. (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.

2. COMPOUNDS LESS THAN 10 PPB NOT REPORTED.