
file. hw. 828044. 1990-10-30- State - Mt-hope -
tumor - lab - analysis

MONROE COUNTY



DEPARTMENT OF ENGINEERING

THOMAS R. FREY
COUNTY EXECUTIVE

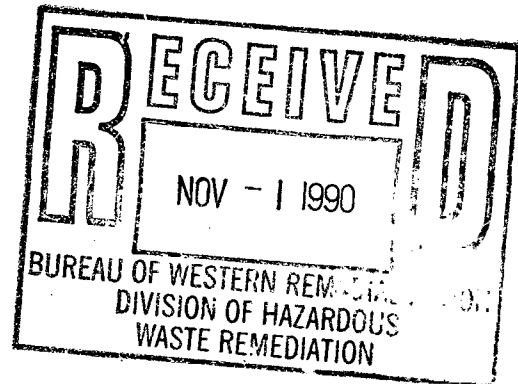
October 30, 1990

JOHN M. DAVIS, PE.
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 soil and muck samples for the period from September 4, 1990 to September 28, 1990 are enclosed for your information and use.

Sincerely,

Philip W. Steinfeldt
Associate Engineer

/td
Enclosures

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

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 5 September 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Rain 75-80°

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 two samples of muck excavated from the shallow tunnel between Sites 28 and 29. Performed headspace screening on both samples using the Photovac 10s70 gas chromatograph.

No samples were obtained from Sites 15 or 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.

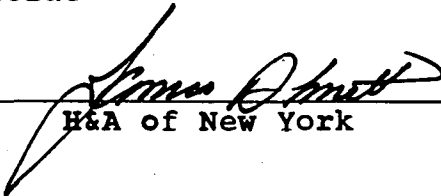
PROJECT: STATE ST. - MT. HOPE TUNNEL
Rochester, New York
CLIENT: STV/Seelye Stevenson Value
& Knecht

DATE: 5 September 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0800-0830	0830-1115
	1530-1615	1515-1530
	(1.25 hrs.)	1615-1715
		(4.0 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

H&A REPRESENTATIVE: S. Parker

END: —

DATE: 5 September 1990

CHECKED BY: S. Parker

ADVANCE: —

SHIFT: Day

DFR NO.: 138

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
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
TM28/0830	—	—	—	—	0.02	—	—	—	0.03	0.24	1.49	1.78
TM28/1605	—	—	—	—	—	—	—	—	—	—	0.08	0.08

REMARKS/ VISITORS:

Collected samples of muck excavated from the shallow tunnel between Sites 28 and 29 at 0830 and 1605 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 6 Sept. 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: 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 performed headspace screening using the Photovac 10s70 gas chromatograph.

No samples were obtained from Sites 15 or 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: 6 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1530-1600 (0.5 hrs.)	0815-0900 1500-1530 1600-1715 (2.5 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

TUNNEL HEADINGS AT

FILE: 7433-82

CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT

START: ---

PAGE: 1 OF 2

H&A REPRESENTATIVE: S. Parker

END: ---

DATE: 6 September 1990

CHECKED BY: S. Parker

ADVANCE: ---

SHIFT: Day

DFR NO.: 139

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	
	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN ^s	
TM28/1550	---	---	---	---	0.01	---	---	---	0.02	0.26	1.00	1.29

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1550 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 7 Sept. 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 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 performed headspace screening using the Photovac 10s70 gas chromatograph.

No samples were obtained from Sites 15 or 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

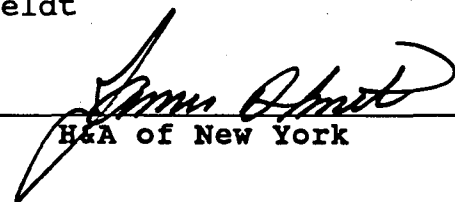
DATE: 7 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1345-1415	1145-1200
	1500-1515	1245-1300
	(0.75 hrs.)	1415-1500
		1515-1630
		(2.5 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: 7 September 1990
 SHIFT: Day
 DFR NO.: 140

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*	
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
TM28/1500	—	—	—	—	—	—	—	—	—	0.05	2.42	2.47

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1500 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

Shallow tunnel heading located at Station 1+85 at end of day.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

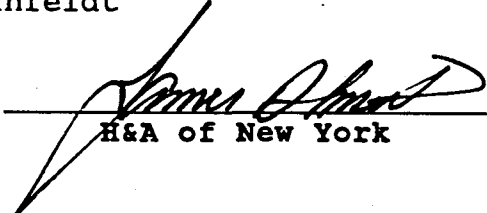
PROJECT: STATE ST. - MT. HOPE TUNNEL
Rochester, New York
CLIENT: STV/Seelye Stevenson Value &
Knecht

DATE: 10 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1715-1745 (0.5 hrs.)	0800-0830 1700-1715 1745-1800 (1.0 hrs.)

DISTRIBUTION

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


H&A of New York

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

DATE: 11 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1345-1415 (0.5 hrs.)	0815-1200 1245-1445 1500-1530 1615-1630 (6.5 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: 11 September 1990
 SHIFT: Day
 DFR NO.: 142

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 [*]	
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN [*]	
SM15/1715**	—	—	—	—	—	—	—	—	—	—	0.02	0.02
TM28/1730**	—	—	—	—	—	—	—	—	0.20	—	8.23	8.43
TM28/1400	—	—	—	—	—	—	—	—	0.04	0.20	0.65	0.89

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1400 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

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

- NOTES:
- (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
 - COMPOUNDS LESS THAN 10 PPB NOT REPORTED.
 - (**) INDICATES SAMPLE WAS COLLECTED ON 10 SEPTEMBER 1990.

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 12 Sept. 1990
 Rochester, New York PAGE: 1 of 1
 CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
 CONTRACTOR: GCF Constructors
 WEATHER: Sunny 80°

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:

No tunnel muck samples were obtained as no muck was removed from the shallow tunnel, and no samples were obtained from Sites 15 and 27 as no apparent 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	1230-1300	1030-1200
	1515-1600	1300-1330
	1615-1630	1600-1615
	(1.5 hrs.)	(2.25 hrs.)

DISTRIBUTION

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

MCDOE: Mr. Phil Steinfeldt


 H&A of New York

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

DATE: 13 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0815-0830 1400-1445 (1.0 hr.)	0830-0915 1445-1600 (2.0 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: 13 September 1990
 SHIFT: Day
 DFR NO.: 144

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 [*]	
	---	---	---	---	---	---	---	---	---	---	---	---
	---	---	---	---	---	---	---	---	---	---	---	---

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	1,1,1-TCA	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN [*]	
TM/0815	---	---	---	---	0.02	---	---	---	0.01	0.11	2.56	2.70
TM/1420	---	---	---	---	---	0.89 ^{**}	---	---	---	1.36	0.94	3.19

REMARKS/ VISITORS:

Collected samples of muck excavated from the shallow tunnel between Sites 28 and 29 at 0815 and 1420 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM TUNNEL MUCK
 TS TUNNEL SEEP
 SM# SHAFT 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 SAMPLE TO BE REANALYZED ON 14 SEPTEMBER 1990.

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL. DATE: 14 Sept. 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 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 performed headspace screening using the Photovac 10s70 gas chromatograph. Performed additional analysis on sample TM/1420, collected on 13 September 1990.

No samples were obtained from Sites 15 or 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

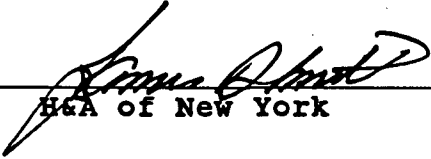
DATE: 14 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0815-0830 (0.25 hrs.)	0830-0945 1015-1200 1245-1430 1545-1645 (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
 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: 14 September 1990
 SHIFT: Day
 DFR NO.: 145

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	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

TUNNEL MUCK/ 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	111-TCA	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
TM/1420D**	—	—	—	—	0.08	—	—	—	0.08	0.60	4.16	4.92
TM/1105	—	—	—	—	0.44	—	—	—	0.24	—	10.87	11.35

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1105 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

Shallow tunnel heading located at Station 2+56 at end of day.

ABBREVIATIONS:

SAMPLE TYPE:

TM TUNNEL MUCK
 TS TUNNEL SEEP
 SM# SHAFT 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 111-TCA DURING ORIGINAL ANALYSIS ON 13 SEPTEMBER 1990. CHROMATOGRAM RESULTS OF DUPLICATE ANALYSIS DID NOT CONFIRM PRESENCE OF THIS COMPOUND.
 - (**) INDICATES SAMPLE WAS COLLECTED ON 13 SEPTEMBER 1990.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	17 Sept. 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 2
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Rain 65°		

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 performed headspace screening using the Hewlett Packard gas chromatograph.

No samples were obtained from Sites 15 or 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: 17 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

FIELD REPRESENTATIVE

S. Parker

TIME ON SITE

1815-1830
(0.25 hrs.)

PROCESSING TIME

1730-1815
1830-1945
(2.0 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: 17 September 1990
 SHIFT: Day
 DFR NO.: 146

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
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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	111-TCA	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	TOTAL DETECTED
TM/1825		—	—	—	—	0.04	—	—	—	0.03	0.51	0.91	1.49

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1825 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL. DATE: 18 Sept. 1990
Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
Knecht
CONTRACTOR: GCF Constructors
WEATHER: Rain 65°

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 performed headspace screening on sample using the Hewlett Packard gas chromatograph.

No samples were obtained from Sites 15 or 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

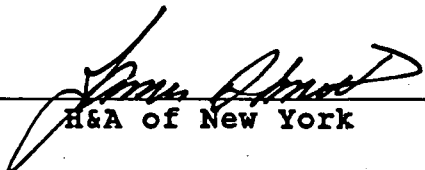
DATE: 18 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1715-1730 (0.25 hrs.)	1730-1815 (0.75 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: 18 September 1990
 SHIFT: Day
 DFR NO.: 147

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
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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	111-TCA	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN [*]	TOTAL DETECTED
TM/1715	—	—	—	—	0.01	—	—	—	—	0.12	1.25	1.38

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1715 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

TM TUNNEL MUCK
 TS TUNNEL SEEP
 SM# SHAFT 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:	19 Sept. 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Partly cloudy 70°		

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 at 1800 hrs. The sample was obtained from the stockpile adjacent to the overflow/weir structure at Site 28. Headspace screening will be performed on 20 September 1990.

No samples were obtained from Sites 15 or 27 as no apparent excavation was performed.

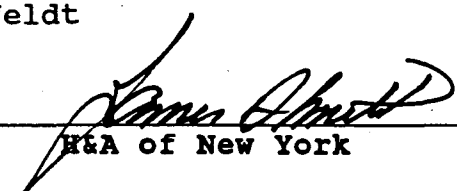
No headspace screening was performed, and no Shift Data Tables were prepared.

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1115-1130	1000-1115
	1815-1830	1730-1815
	(0.5 hrs.)	(2.0 hrs.)

DISTRIBUTION

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

MCDOE: Mr. Phil Steinfeldt



H&A of New York

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

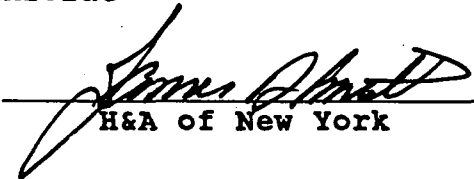
DATE: 18 Sept. 1990
 PAGE: 2 of 2
 FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1545-1600 (0.25 hrs.)	0815-1200 1245-1330 1500-1545 1645-1700 (5.5 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

TUNNEL HEADINGS AT

FILE: 7433-82

CLIENT: STV/ SEELYE STEVENSON VALUE & KNECHT

START: —

PAGE: 1 OF 2

H&A REPRESENTATIVE: S. Parker

END: —

DATE: 20 September 1990

CHECKED BY: S. Parker

ADVANCE: —

SHIFT: Day

DFR NO.: 149

TUNNEL AIR SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	METHANE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN [*]	TOTAL DETECTED
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

TUNNEL MUCK/ GROUNDWATER SAMPLES

APPARENT VOLATILE ORGANIC COMPOUNDS DETECTED IN PPM

SAMPLE TYPE TIME	TARGET COMPOUNDS					OTHERS						
	VINYL CHLORIDE	METHYLENE CHLORIDE	1,2-DCE	BENZENE	TOLUENE	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN [*]	TOTAL DETECTED
TM/1800**	—	—	—	—	0.09	1.05	—	—	0.10	—	12.87	14.11
TM/1800D	—	—	—	—	0.11	1.26	—	—	0.13	—	15.96	17.46

REMARKS/ VISITORS:

No tunnel muck samples were obtained as no muck was removed from the shallow tunnel,

and no sample were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

- TM TUNNEL MUCK
- TS TUNNEL SEEP
- SM# SHAFT 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. TCE = TRICHLOROETHENE.
4. (D) INDICATES DUPLICATE ANALYSIS PERFORMED FOR QUALITY ASSURANCE/QUALITY CONTROL FOLLOWING APPARENT DETECTION OF TCE. SAMPLE SUBMITTED TO GENERAL TESTING CORPORATION FOR CONFIRMATORY ANALYSES.
5. (**) INDICATES SAMPLE WAS COLLECTED ON 19 SEPTEMBER 1990.

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 21 Sept. 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Sunny 65°	

CONTRACTOR ACTIVITIES:

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

FIELD REPRESENTATIVE ACTIVITIES:

Obtained two samples of muck excavated from the shallow tunnel between Sites 28 and 29, and performed headspace screening using the Hewlett Packard gas chromatograph.

No samples were obtained from Sites 15 or 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.

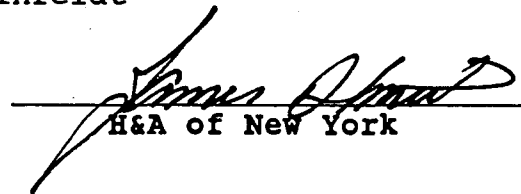
Headspace screening data are summarized on the attached Shift Data Table.

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 21 Sept. 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	0815-0830	0830-1045
	1045-1115	1115-1200
	(0.75 hrs.)	1230-1315
		(3.75 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: 21 September 1990

CHECKED BY: S. Parker

ADVANCE: --

SHIFT: Day

DFR NO.: 150

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*	
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
TM/0815		--	--	--	--	0.01	--	--	--	0.03	--	1.05	1.09
TM/1100		--	--	--	--	0.01	0.11	--	--	0.02	--	1.94	2.08

REMARKS/ VISITORS:

Collected samples of muck excavated from the shallow tunnel between Sites 28 and 29 at 0815 and 1100 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

Shallow tunnel heading located at Station 3+24 at end of day.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

DAILY FIELD REPORT

PROJECT: STATE ST. - MT. HOPE TUNNEL DATE: 24 Sept. 1990
 Rochester, New York PAGE: 1 of 2
CLIENT: STV/Seelye Stevenson Value & FILE: 7433-82
 Knecht
CONTRACTOR: GCF Constructors
WEATHER: Partly cloudy 55°

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 performed headspace screening using the Hewlett Packard 5980 gas chromatograph.

No samples were obtained from Sites 15 or 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

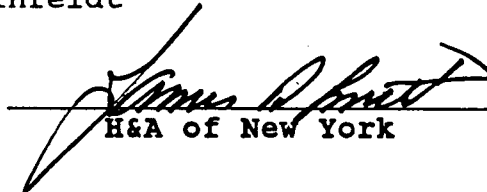
DATE: 24 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	1245-1300	0830-1200
	1500-1515	1300-1500
	(0.5 hrs.)	1515-1700
		1730-1800
		(7.75 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: 24 September 1990

CHECKED BY: S. Parker

ADVANCE: --

SHIFT: Day

DFR NO.: 151

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*	
	--	--	--	--	--	--	--	--	--	--	--	--
	--	--	--	--	--	--	--	--	--	--	--	--

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
TM/1500	--	--	--	0.09	0.27	0.98	--	--	0.34	--	25.15	26.83

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 1500 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE:	25 Sept. 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE:	1 of 1
CONTRACTOR:	GCF Constructors	FILE:	7433-82
WEATHER:	Partly cloudy 70°		

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:

No tunnel muck was obtained from the shallow tunnel as no muck was removed, and no samples were obtained from Sites 15 and 27 as no apparent 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	1545-1600 (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: 26 Sept. 1990
CLIENT:	STV/Seelye Stevenson Value & Knecht	PAGE: 1 of 2
CONTRACTOR:	GCF Constructors	FILE: 7433-82
WEATHER:	Partly cloudy 65°	

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 two samples of muck excavated from the shallow tunnel between Sites 28 and 29, and performed headspace screening using the Hewlett Packard 5980 gas chromatograph.

No samples were obtained from Sites 15 or 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: 26 Sept. 1990
 PAGE: 2 of 2
 FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0820-0835	0830-0900
	1500-1515	0950-1050
	(0.5 hrs.)	1230-1430
		1515-1600
		1615-1630 (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: 26 September 1990
 SHIFT: Day
 DFR NO.: 153

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*	
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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	TCE	HYDROGEN SULFIDE	ETHYL BENZENE	M-XYLENE	STYRENE	UNKNOWN*	
TM/0830		—	—	—	0.06	0.17	1.37	—	—	0.19	—	22.01	23.80
TM/1500		—	—	—	0.02	0.07	0.35	—	—	0.12	0.32	4.55	5.43

REMARKS/ VISITORS:

Collected samples of muck excavated from the shallow tunnel between Sites 28 and 29 at 0830 and 1500 hrs.

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

No samples were obtained from Sites 15 and 27 as no apparent excavation was performed.

ABBREVIATIONS:

SAMPLE TYPE:

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

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

DAILY FIELD REPORT

PROJECT:	STATE ST. - MT. HOPE TUNNEL Rochester, New York	DATE: 27 Sept. 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 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 at 0915 hrs. The sample was obtained from the stockpile adjacent to the overflow/weir structure at Site 28. Headspace screening will be performed on 28 September 1990.

No samples were obtained from Sites 15 or 27 as no apparent excavation was performed.

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

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0915-0930 (0.25 hrs.)	0930-1045 1630-1700 (1.75 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: 28 Sept. 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 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 performed headspace screening using the Photovac 10S50 gas chromatograph. Screened sample TM/0915, collected on 27 September 1990.

No samples were obtained from Sites 15 or 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

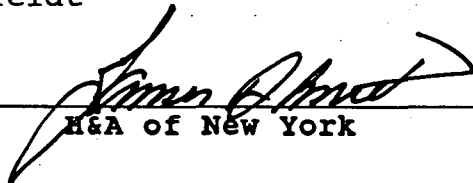
DATE: 28 Sept. 1990
PAGE: 2 of 2
FILE: 7433-82

<u>FIELD REPRESENTATIVE</u>	<u>TIME ON SITE</u>	<u>PROCESSING TIME</u>
S. Parker	0845-0900 (0.25 hrs.)	0830-0845 0900-1000 1115-1215 1245-1345 (3.25 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: 28 September 1990
 SHIFT: Day
 DFR NO.: 155

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 [*]	
	—	—	—	—	—	—	—	—	—	—	—	—
	—	—	—	—	—	—	—	—	—	—	—	—

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 [*]	
TM/0915**	—	—	—	—	0.14	—	—	—	0.20	—	1.93	2.27
TM/0855	—	—	—	—	0.06	—	—	—	0.10	—	5.77	5.93

REMARKS/ VISITORS:

Collected sample of muck excavated from the shallow tunnel between Sites 28 and 29 at 0855 hrs.

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

No samples were obtained from Sites 15 or 27 as no apparent excavation was performed.

Shallow tunnel heading located at Station 4+18 at end of day.

ABBREVIATIONS:

SAMPLE TYPE:

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

NOTES:

- (*) UNIDENTIFIED CHROMATOGRAM PEAKS EXPRESSED IN TOLUENE EQUIVALENTS.
- COMPOUNDS LESS THAN 10 PPB NOT REPORTED.
- (**) INDICATES SAMPLE WAS COLLECTED ON 27 SEPTEMBER 1990.