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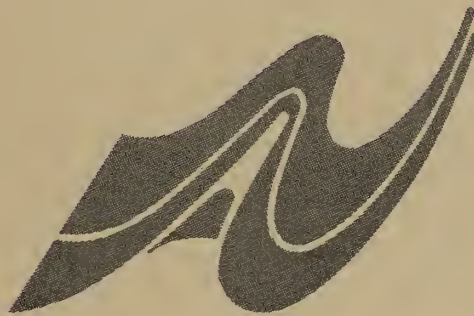
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AIR QUALITY MONITORING
PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub
AIR QUALITY DATA

VOLUME II of II

For the Period

1 January 1982 - 31 December 1982



Submitted to

Mr. Jim Godlove
White River Shale Program
Prudential Building, Suite 500
115 South Main Street
Salt Lake City, Utah 84111

AeroVironment Inc.

145 VISTA AVENUE - PASADENA, CALIFORNIA 91107 USA (213) 449-4392

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FINAL SUBMISSION

AIR QUALITY MONITORING
PROTOTYPE OIL SHALE LEASE TRACTS Ua AND Ub
AIR QUALITY DATA

VOLUME II of II

For the Period

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Mr. Jim Godlove
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Prudential Building, Suite 500
115 South Main Street
Salt Lake City, Utah 84111

By

AeroVironment Inc.
145 Vista Avenue
Pasadena, CA 91107

PREFACE

This volume is the final submission of data acquired during the air quality/meteorology/radiology portions of the lease suspension period monitoring program for oil shale tracts Ua and Ub. The period covered runs from 1 January 1982 through 31 December 1982.

Section II - Air Quality

In order of site number

1. Sulfur dioxide, SO₂
2. Carbon monoxide, CO
3. Nitrogen oxides, NO_x, expressed as µg/m³ of NO₂
4. Nitric oxide, NO
5. Nitrogen dioxide, NO₂
6. Ozone, O₃
7. Total Suspended Particulates, TSP

Not all sites measure all of these parameters.

The data tabulation contain average values for each day, and the peak hourly average for the day. Along the bottom, the average for each hour, averaged over the month, is compiled. Air quality data is given in $\mu\text{g}/\text{m}^3$ usually with values for NO_x computed on the basis of the molecular weight of NO_2 .

Symbols used on the data sheets are:

CA	Calibration
MT	Maintenance (changing paper, tape, filters)
FO	Flame Out (on the gas chromatographs)
IM	Instrument Malfunction (not discovered until after data has been collected)
PF	Power Failure (generator failure)
RF	Recording System Failure (chart jams, runs out, tape punch fails)
LI	Local Interference
OS	Off Scale (at top of chart, data presumed good)
SE	Special Experiment (instrument off-line for bag sample analysis or removed for special measurements in area)
VA	Variable wind direction
OR	Out for Repair (instrument problem has been recognized and the instrument is no longer sampling while being repaired)
IN	Interference (acts of nature)
OE	Operator Error
ZS	Instrument Zero/Span Check
PC	Precision Check
SA	System Audit

UTAH WHITE RIVER SHALE PROJECT
Instrument Lower Detection Limit, Data Precision,
and Lower Limit of Data Validity

Parameter	Instrument	Instrument Lower Detection Limit	Data Precision	Limit Lower of Data Validity
SO ₂	Teco Model 43	25 µg/m ³	8 µg/m ³	25 µg/m ³
NO	Monitor Labs 8440 E	5 µg/m ³	6 µg/m ³	6 µg/m ³
NO _x	Monitor Labs 8440 E	5 µg/m ³	6 µg/m ³	6 µg/m ³
NO ₂	NO _x - NO	5 µg/m ³	12 µg/m ³	12 µg/m ³
O ₃	Monitor Labs 8410 E	2 µg/m ³	6 µg/m ³	6 µg/m ³
CO	Monitor Labs 8310	0.1 mg/m ³	0.1 mg/m ³	0.1 mg/m ³
TSP	GMWC-2000H	0.5 µg/m ³	±6% of load or 1 µg/m ³	1 µg/m ³

AIR QUALITY

SITE 4

CARBON DIOXIDE [CC107]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

JUN, 1982
AEROVIROHMMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

DY	CLOCK HOUR [LOCAL STANDARD TIME]																														AVE PEAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23							
1	1.3	1.3	1.2	1.2	1.1	1.1	.9	.6	.4	.3	.6	.6	.5	.8	.8	.8	.9	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.1	1.1	.9	1.3			
2	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.9	.9	.8	.6	.5	.4	.4	.4	.4	.5	.5	.6	.7	.8	.9	.9	.9	.8	.8	.8	1.1	1.3		
3	.9	.9	.8	.8	.8	.7	.6	.3	.0	.0	.1	.2	.2	.3	.4	.4	.4	.5	.5	.7	.8	.9	.9	.8	.8	.8	.8	.9	1.1		
4	.7	.6	.6	.5	.5	.6	.4	.1	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.3	.5	.5	.6	.7	.7	.7	.7	.7	.8	1.1		
5	.6	.6	.6	.6	.4	.3	.3	.3	.3	.3	.1	.2	.3	.3	.3	.3	.3	.3	.3	.4	.4	.5	.5	.5	.5	.5	.5	.6	1.1		
6	.5	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	1.1		
7	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	1.1		
8	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
9	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
10	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
11	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
12	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
13	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
14	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
15	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
16	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
17	1.3	1.3	1.2	1.2	1.1	1.1	.9	.6	.4	.3	.6	.6	.5	.8	.8	.8	.9	1.1	1.1	1.2	1.2	1.3	1.2	1.1	1.1	1.1	.9	1.3			
18	1.1	1.1	1.1	1.1	1.1	1.0	1.0	.9	.9	.8	.6	.5	.4	.4	.4	.4	.5	.5	.6	.7	.8	.9	.9	.9	.8	.8	.8	1.1	1.3		
19	.9	.9	.8	.8	.8	.7	.6	.3	.0	.0	.1	.2	.2	.3	.4	.4	.4	.5	.5	.7	.8	.9	.9	.8	.8	.8	.8	.9	1.1		
20	.8	.7	.6	.6	.5	.6	.4	.1	.0	.0	.0	.0	.1	.1	.2	.3	.3	.3	.3	.5	.5	.6	.7	.7	.7	.7	.7	.8	1.1		
21	.7	.6	.6	.6	.5	.5	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	1.1		
22	.5	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
23	.3	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1		
24	.4	.4	.4	.4	.4	.3	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1		
25	.5	.5	.5	.5	.5	.5	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.1		
26	.6	.6	.6	.5	.5	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1		
27	.7	.7	.7	.7	.7	.6	.5	.3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	1.1		
28	.9	.8	.8	.8	.7	.7	.5	.0	.0	.0	.2	.3	.4	.4	.5	.4	.5	.5	.6	.6	.8	.9	.9	.9	.9	.9	.9	.9	1.1		
29	.8	.8	.7	.7	.6	.6	.4	.2	.0	.0	.1	.2	.3	.4	.4	.5	.4	.5	.5	.6	.7	.7	.9	.9	.9	.9	.9	.9	1.1		
30	.7	.7	.6	.6	.5	.5	.4	.4	.4	.5	.4	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	1.1		
AV	.7	.7	.7	.6	.6	.6	.5	.2	.1	.1	.2	.2	.2	.2	.3	.3	.4	.5	.5	.6	.7	.8	.8	.8	.8	.8	.8	.8	1.3		
SD	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	.3	.2	.3	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	1.3		

CARBON MONOXIDE [CC:07]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

JUL, 1982
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK		
1	.9	.8	.7	.7	.7	.7	.7	.4	.1 [ZS]	.6	.6	.7	.7	.7	.7	.6	.6	.7	.7	.7	.8	.9	.9	.9	.7	.9		
2	.9	.9	.9	.8	.8	.8	.6	.2	.0	.1	.2	.3	.4	.3	.3	.4	.4	.5	.6	.6	.6	.7	.7	.7	.7	.5	.9	
3	.7	.6	.6	.5	.6	.3	.0	.0	.0	.0	.0	.0	.1	.2	.0	.3	.3	.3	.3	.4	.5	.5	.6	.6	.6	.3	.7	
4	.5	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.5	.6	.6	.6	.2	.6	
5	.6	.5	.0	.5	.5	.5	.4	.4	.4	.3	.1	.0	.0	.0	.1	.3	.3	.4	.5	.6	.7	.7	.7	.7	.7	.4	.7	
6	.6	.6	.5	.5	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.5	.5	.2	.6	
7	.6	.5	.5	.4	.4	.4	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.2	.6	
8	.4	.4	.4	.4	.3	.3	.5	.5	.4	.2	.0	.0	.0	.0	.1	.1	.1	.1	.3	.6	.7	.7	.7	.7	.7	.3	.7	
9	.6	.6	.6	.5	.6	.6	.5	.4	.2	.0	.6 [PC]	.0	.0	.0	.1	.2	.3	.4	.5	.6	.7	.7	.7	.7	.7	.4	.7	
10	.7	.7	.8	.7	.7	.6	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.3	.3	.4	.4	.6	.6	.7	.7	.7	.4	.8	
11	.7	.7	.6	.6	.6	.6	.7	.5	.0	.0	.0	.0	.0	.6	.7	.7	.6	.6	.6	.7	.6	.5	.0	.0	.0	.4	.7	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	.4	.4	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[]	
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[]	
22	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
28	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.1	.3
29	.3	.3	.3	.3	.3	.3	.3	.2	.2	.1	.1	.2	[Z8]	.3	.3	.3	.4	.4	.4	.4	.4	.4	.6	.6	.5	.3	.6	
30	.4	.4	.4	.4	.4	.4	.4	.4	.2	.3	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	
31	.4	.4	.3	.3	.4	.4	.4	.2	.2	.3	.5	.5	.5	.6	.5	.5	.5	.5	.5	.5	.4	.4	.5	.5	.5	.5	.4	
HV	.3	.3	.3	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.2	.9	
SD	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	

CARBON MONOXIDE [CC:07]
 MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

AUG, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK		
1	.5	.5	.4	.4	.3	.3	.3	.2	.2	.3	.4	.5	.5	.6	.5	.5	.4	.4	.4	.5	.5	.5	.5	.5	.4	.6		
2	.5	.5	.5	.4	.3	.3	.3	.2	.2	.3	.4	.5	.5	.7	.9	.9	.9	.4	.4	.4	.5	.5	.5	.5	.5	.4	.9	
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[CA]	[CA]	[CA]	[CA]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	.3	.4
4	.3	.2	.2	.3	.3	.2	.1	.0	.0	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.3	.3	.3	
5	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1	.1	.1	.1	.2	
6	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.2	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	
14	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	
15	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.2	.3	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	
17	.0	.0	.1	.1	.1	.2	.2	.1	.0	.0	[ZS]	.1	.2	.3	.3	.3	.3	.3	.2	.2	.3	.2	.2	.2	.2	.2	.3	
18	.2	.2	.2	.1	.2	.2	.2	.2	.1	.0	.1	.1	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	
19	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	[ZS]	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	
20	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	[PC]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
21	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	
22	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	
23	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	[CA]	.3	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
24	.4	.3	.2	.2	.1	.2	.2	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
25	.2	.2	.2	.2	.2	.3	.3	.3	.2	.1	.1	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
26	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
27	.3	.3	.4	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
28	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
29	.4	.4	.5	.5	.6	.6	.5	.5	.3	.2	.2	.3	.4	.5	.5	.5	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	
30	.4	.4	.6	.6	.6	.6	.6	.5	.3	.3	[CA]	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	
31	.4	.4	.4	.4	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	
AV	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.9	
SD	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	

CARBON DIOXIDE (CCO2)
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

SEP, 1982
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.4	.0	.2	.2	.2	.3	.3	.3	.2	.3	.3	.4	.0	.4	.4	.4	.4	.4	.3	.2	.4	.4	.3	.3	.3	.4
2	.3	.3	.3	.3	.3	.3	.3	.2	.1	.0	.1	.2	.3	.3	.3	.3	.3	.3	.2	.2	.3	.3	.2	.1	.2	.3
3	.1	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.7	.2	.2	.3	.3	.3	.3	.2	.2	.2	.3	.3	.2	.2	.7
4	.2	.2	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.2
5	.1	.1	.2	.2	.2	.2	.2	.2	.0	.0	.0	.0	.0	.1	.1	.1	.2	.2	.2	.2	.2	.0	.0	.0	.1	.2
6	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	[ZS]	.0	.2	.2	.2	.1	.1	.2	.1	.0	.0	.0	.0	.1	.2
7	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.1	.0	.0	.0	.0	.1
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	[ZS]	.0	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1
10	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
11	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
12	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2
13	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
14	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3
15	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.3
16	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	[ZS]	.2	.2	.2	.2	.2	.2	.2	.2	.1	.0	.1	.1	.2
17	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	[PC]	.0	.1	.1	.1	.0	.1	.1	.1	.0	.0	.0	.0	.1	.1
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1
21	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.1
22	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3	.2	.2	.1	.1	.3
23	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.1	.2
24	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.4	.5	.5	.3	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.5
26	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.2
27	.1	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	[ZS]	.4	.3	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.4
28	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.2	.3
29	.3	.3	.2	.2	.2	.2	.3	.2	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.1	.0	.1
30	.1	.1	.1	.1	.0	.0	.0	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.2
4V	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.7
5D	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1

CARBON MONOXIDE [CC:07]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	.2	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	[PC]	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
3	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	[CA]	[CA]	[CA]	[CA]	.3	.3	.2	.3	.3	.3	.3	.4	.5	.5	.5	.4	.3	.6
6	.4	.4	.5	.6	.6	.6	.6	.5	.5	.3	.4	.4	.0	.0	.0	.0	.0	.0	.1	.2	.4	.4	.5	.6	.6	.4	.6
7	.5	.5	.6	.6	.6	.6	.6	.5	.5	.3	.4	.4	.0	.0	.0	.0	.0	.1	.2	.4	.4	.5	.6	.6	.4	.6	.6
8	.6	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.5	.6	.6	.4	.7
9	.6	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.5	.6	.6	.3	.6
10	.6	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.5	.6	.6	.3	.6
11	.6	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.5	.6	.6	.3	.6
12	.6	.6	.6	.6	.6	.6	.6	.5	.5	.4	.4	.4	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.5	.6	.6	.3	.6
13	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	[ZS]	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.4	.5
14	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	[ZS]	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.4	.5
15	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	[PC]	.2	.6	.1	.6	.4	.3	.3	.3	.4	.4	.5	.6	.6	.5	.4	.6
16	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
17	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
18	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
19	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
20	.5	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
21	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
22	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.1	.1	.3	.3	.3	.2	.3	.4	.4	.5	.6	.6	.5	.4	.6
23	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.4	.6
24	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.6	.4	.6
25	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.4	.6
26	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.4	.6
27	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.4	.6
28	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.4	.6
29	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.4	.6
30	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.6
31	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5
AV	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.7
SD	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3

CARBON MONOXIDE [CC:07]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

NOV. 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/NOV/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	HVE PEAK
1	.6	.4	.5	.5	.5	.5	.5	.5	.3	.2	.0	.0	.0	.0	.0	.0	.1	.1	.2	.4	.4	.4	.4	.3	.6
2	.3	.3	.4	.2	.2	.2	.2	.3	.2	.1	.0	.0	[ZS]	.0	.1	.1	.2	.2	.2	.3	.4	.4	.4	.4	.4
3	.4	.4	.4	.3	.3	.2	.3	.2	.1	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.4
4	.4	.3	.3	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.4
5	.2	.4	.4	.4	.4	.4	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.2
6	.3	.4	.4	.3	.3	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.4
7	.1	.1	.1	.1	.1	.1	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.0	.2
8	.0	.0	.0	.0	.0	.2	.1	.0	.0	.0	.2	.5	.3	.1	.0	[SA]	.0	.0	.0	.0	.0	.0	.0	.0	.5
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	[SA]	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0
10	.1	.0	.0	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.2	.2	.2	.0	.1
11	.1	.1	.1	.1	.1	.1	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.0	.3	.2	.1
12	.1	.0	.0	.1	.0	.1	.0	.0	.0	.0	[PC]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.0	.2
13	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1
18	.1	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
19	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	[ZS]	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	1.3	1.2	1.1	1.1	1.0	.9	.9	.8	.7	.6	.4	.2	.1	.0	.0	.1	.2	.4	.6	.8	1.0	1.1	1.3	1.3	1.3
28	1.0	1.0	1.0	1.0	.9	.9	.8	.8	.7	.6	.6	.5	.4	.4	.3	.3	.4	.4	.5	.8	.9	1.0	1.0	1.0	1.3
29	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.7	.7	.7
30	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	[CA]	.1	.1	.1	.1	.2	.2	.2	.3	.3	.4	.5	.6	.6	.6
HV	.3	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.1	.1	.1	.1	.2	.2	.3	.3	.3
SD	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.2	.3	.3	.3	.3	.2

CARBON MONOXIDE [CC107]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.7	.8	.9	.9	.9	.8	.8	.8	.7	.6	.5 [ZS]	.2	.0	.0	.0	.1	.2	.3	.3	.4	.4	.4	.4	.4	.5	.9
2	.4	.3	.3	.3	.3	.3	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.1	.4
3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.2	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.2	.2	.4
4	.2	.3	.4	.4	.3	.2	.2	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.3	.3	.1	.4
5	.3	.2	.4	.3	.3	.3	.3	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.4
6	.2	.2	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
7	.0	.2	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[PC]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[CA]	.3	.2	.3	.4	.5	.6	.7	.8	.8	.8	.8	.8	.3	.8
AV	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.9
SD	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.1	.0	.1	.1	.1	.1	.2	.2	.2	.2	.1	.1

NITRIC OXIDE [CC108]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 4

JUN, 1982
 AERONVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/HR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
27	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
28	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
29	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
AV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NITRIC OXIDE [CC103]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

JUL, 1982
 AEROSOL/INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

DY	CLOCK HOUR [LOCAL STANDARD TIME]																														
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK					
1	5	4	4	5	5	5	4	4	4	5	5	5	5	4	4	4	4	4	4	4	5	5	5	5	5	5	5				
2	6	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
3	3	3	4	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
7	1	1	1	1	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
10	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
11	2	2	2	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
13	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5				
14	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4				
15	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3				
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
19	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]				
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]				
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
23	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
24	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1				
25	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0				
AV	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2				

HITRIC GAUGE [DC108]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

AUG, 1982

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

LY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	1	1	1	1	1	0	1	1	1	1	1	0	0	0	0	0	1
2	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[CA]	0	0	0	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

NITRIC OXIDE [CC:08]
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

SEP, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]	
2	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
3	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
4	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
5	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
6	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
7	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
8	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
9	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
12	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
13	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
14	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
15	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
16	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
17	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
18	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
19	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
20	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
21	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
22	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
23	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
24	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
25	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
26	6	5	6	6	6	7	7	7	6	7	7	6	6	6	6	6	6	6	7	6	6	7	7	6	6	7	
27	7	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7	
28	3	4	4	4	4	4	3	2	3	3	4	3	4	4	4	4	4	4	3	4	4	4	4	4	3	4	
29	3	2	3	2	3	2	2	2	1	0	4	5	4	4	4	4	4	4	4	4	4	4	4	4	5	5	
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	5	4	4	4	4	4	4	3	3	4	
AV	5	4	4	4	4	4	4	4	4	4	5	5	5	5	5	5	5	5	5	5	4	5	4	4	4	7	
SD	2	1	1	1	1	2	2	2	2	3	1	2	1	1	1	1	1	1	1	1	1	1	2	1	1	1	

NITRIC OXIDE LCC:08)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHIANZA, UTAH
 SITE 4

OCT, 1962
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	2	3	2	2	2	2	2	3	3	2	3	5	0	1	2	3	2	3	3	3	3	2	2	2	5
2	2	1	2	2	2	2	2	2	2	3	4	3	4	3	4	3	2	3	3	3	1	2	2	2	2	4
3	3	3	2	2	3	3	3	3	1	3	3	4	4	4	4	4	4	4	4	3	3	2	3	2	3	4
4	3	5	7	4	3	3	3	3	2	3	7	2	3	3	4	4	4	4	4	4	2	3	3	3	3	7
5	3	3	2	2	2	2	2	1	3	5	4	3	4	4	5	5	5	5	4	3	3	3	3	1	3	6
6	1	1	1	0	0	0	0	0	6	5	5	9	9	9	9	9	9	7	6	7	6	6	6	5	5	9
7	5	5	3	2	3	1	1	1	3	5	6	6	5	6	8	7	7	7	5	5	3	3	3	3	4	8
8	2	1	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	1	0	0	0	0	0	0	0	5
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	3
29	0	0	0	0	0	0	0	0	0	[PC]	1	3	4	4	4	3	2	2	1	1	1	1	1	1	1	4
30	1	1	2	2	1	1	1	0	1	2	2	2	2	2	2	3	2	2	2	2	2	2	2	1	1	3
31	1	0	0	0	0	0	1	2	1	0	1	1	1	1	2	2	1	1	1	2	1	2	1	1	1	2
AV	1	1	1	1	0	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	9
SD	1	1	2	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3

NITRIC OXIDE (CC:08)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 4

NOV, 1962

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2
2	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	1	1	1	1	1	1	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	3	[CA]	[CA]	3	3	3	4	4	3	3	3	3	0	0	0	0	4
4	0	0	0	0	0	0	0	0	0	0	9	7	5	5	4	3	2	2	2	2	2	2	2	1	0	9
5	0	0	0	0	0	0	0	0	0	1	[ZS]	12	4	27	8	3	3	2	2	2	2	2	1	0	3	27
6	0	0	0	0	0	0	0	0	0	0	1	2	3	3	3	3	2	2	2	2	1	1	3	5	1	5
7	3	3	3	2	1	0	0	0	0	0	2	1	1	1	1	1	1	1	1	1	1	0	0	0	1	3
8	1	1	0	0	2	3	3	2	2	2	0	0	0	0	0	1	1	1	1	1	1	0	0	0	1	3
9	0	0	1	0	0	0	1	0	0	0	3	1	[SA]	[SA]	0	0	0	3	4	3	3	3	2	2	1	4
10	2	1	1	1	1	0	2	0	1	2	4	5	3	0	0	0	0	0	0	0	0	0	0	0	1	5
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	1	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[ZS]	2	2	3	3	4	4	3	2	1	0	0	0	0	1	4
16	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	3	2	1	0	0	0	0	0	0	0	3
17	0	0	0	0	0	0	0	0	0	0	2	2	1	[ZS]	0	0	3	2	2	1	0	0	0	0	1	3
18	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	1	2	1	2	1	1	1	1	1	1	1	0	0	0	0	27
SD	1	1	1	0	0	1	1	0	0	1	2	3	1	5	2	1	1	1	1	1	1	0	0	1	1	2

NITROGEN DIOXIDE [CC109]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

JUN, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
2]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
3]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
4]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
5]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
6]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
7]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
8]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
9]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
10]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
11]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
12]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
13]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
14]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
15]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
16]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
17]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]]
18	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
21	0	0	0	0	0	0	0	0	0	0	0	[Z6]	0	0	0	0	0	0	0	0	0	0	0	0	0	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	[Z5]	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	[Z6]	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	

NITROGEN DIOXIDE (CC.09)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONARZA, UTAH
 SITE 4

JUL, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
21	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF	RF
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NITROGEN DIOXIDE [CC:09]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

AUG, 1982

AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK		
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[CA]	[CA]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]
4	0	0	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	3	1	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	1	0	0	0	0	0	0	0	0	0	0	5
12	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
16	0	0	0	0	0	0	0	0	0	4	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
17	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
SD	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0

NITROGEN DIOXIDE (CC)091
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

SEP, 1982

AERODIVISION INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
3	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
4	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
5	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
6	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
7	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
8	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
9	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
10	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
11	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
12	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
13	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
14	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
15	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
16	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
17	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
18	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
19	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
20	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
21	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
22	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
23	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
24	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
25	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0

111KUGEN DIOXIDE (CC:09)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

OCT, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	2	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	0	0	0	1	2	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	1	0	2	6	3	5	2	4	0	3	3	0	0	1
4	1	0	0	1	0	0	0	3	6	9	12	6	4	6	5	3	2	2	8	8	2	0	0	4	3	12
5	2	0	3	4	3	4	2	4	3	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
6	0	0	0	2	2	2	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	1
7	0	0	0	0	0	0	0	0	2	0	0	1	0	5	2	5	3	11	2	5	6	4	0	0	2	11
8	0	0	1	0	0	0	0	1	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	9	0	0	0	0	9
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	14	1	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	14
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	[ZS]	5	3	0	0	0	4	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	3
24	0	0	0	0	0	0	0	0	0	0	2	4	4	5	5	3	3	1	2	2	3	2	0	0	0	1
25	2	1	0	0	0	1	2	0	0	[ZS]	3	5	4	4	6	8	3	1	2	2	2	1	1	1	1	8
26	1	0	0	0	0	0	0	0	2	3	3	1	0	1	2	4	4	2	2	1	1	2	1	1	1	4
27	1	4	4	5	3	3	2	0	0	0	[ZS]	0	0	1	2	4	2	0	0	0	0	0	0	0	2	5
28	0	0	0	0	0	0	0	0	0	0	1	5	20	8	8	5	6	4	3	2	2	3	4	3	3	20
29	1	3	2	0	0	1	1	0	1	[PC]	16	13	12	15	12	14	15	14	15	15	16	17	17	17	9	17
30	18	17	17	16	16	18	18	18	18	18	17	16	17	17	17	15	15	17	17	15	15	15	16	16	16	18
31	16	16	15	16	14	15	14	13	14	14	14	15	14	14	13	14	14	14	12	12	14	12	14	13	14	16
AV	1	1	1	2	1	1	1	1	1	2	3	2	2	3	3	2	3	3	3	2	2	2	2	2	2	2
SD	4	4	4	4	4	4	4	4	4	6	5	5	6	4	4	4	5	5	4	4	5	4	5	5	4	1

NITROGEN DIOXIDE [CC:09]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

NOV, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	9	11	8	8	8	7	8	9	13	14	13	11	4	3	4	5	3	2	2	3	6	4	4	7	14
2	4	5	4	4	5	5	4	2	8	5	[CA]	[CA]	0	0	0	1	1	2	1	0	0	0	0	0	2	8
3	0	0	0	0	0	0	0	0	0	6	[CA]	[CA]	3	2	1	3	3	8	5	5	5	6	6	4	4	12
4	0	0	0	0	0	0	0	0	0	4	12	8	5	7	7	5	7	5	5	5	5	6	6	4	4	26
5	4	1	1	0	0	0	0	0	0	6	[ZS]	21	6	26	18	6	7	6	7	5	5	6	7	5	6	26
6	2	0	0	0	0	0	0	0	0	2	3	3	3	3	3	3	3	1	4	4	4	4	4	4	4	7
7	0	0	0	0	0	0	2	0	5	5	6	6	7	7	5	6	6	6	6	5	5	4	4	4	4	7
8	3	3	4	3	4	0	0	0	0	1	3	8	2	2	5	11	5	5	5	5	5	5	5	3	4	11
9	3	4	4	5	4	4	4	4	7	7	5	6	5	3	0	2	2	8	8	8	8	0	0	0	4	8
10	7	8	10	5	4	4	4	4	0	0	0	0	0	0	1	2	1	1	0	0	0	0	0	0	4	10
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	2	1	0	0	0	0	0	0	0	4
13	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[ZS]	3	3	4	6	6	4	4	4	2	3	2	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	2	4	3	4	4	4	5	7	6	3	7	4	0	2	7
17	0	0	0	0	0	0	0	0	0	0	9	8	7	[ZS]	14	14	12	5	6	9	7	6	5	5	14	
18	4	3	2	2	2	1	2	0	0	1	11	8	10	7	4	6	4	5	3	3	3	3	2	1	4	11
19	0	0	1	2	3	0	0	0	0	0	[ZS]	0	0	1	0	0	0	0	0	0	0	0	0	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	1	1	1	1	1	1	1	1	1	2	2	4	2	3	3	3	2	2	2	2	2	2	2	1	2	26
50	2	2	3	2	2	2	2	2	3	3	4	5	3	5	4	4	3	3	3	3	3	3	2	2	2	3

NITROGEN DIOXIDE [CC:03]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

DEC, 1982
 AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
	CLOCK HOUR [LOCAL STANDARD TIME]																									
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	4	0	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	2	0	0	0	4	0	0	0	0	0	0	0	0	0	0	2
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13	4	3	0	0	0	0	0	0	0	0	13
21	0	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	4	21	0	0	0	0	0	0	0	1	21
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
HV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	4	0	0	0	0	0	0	0	1

OXIDES OF NITROGEN (CO110)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/HR:93 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
5	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
6	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
7	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
12	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
13	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
17	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
30	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

OXIDES OF NITROGEN [CC:10]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

JUL, 1962

AEROVIORHMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/63 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK			
1	2	3	1	1	1	2	2	2	2	2	2	2	2	4	1	0	0	1	2	2	2	2	2	2	3	2	4		
2	3	1	1	1	1	1	2	2	2	3	3	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	3	
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
5	2	1	1	0	0	2	1	1	2	2	2	2	2	2	2	2	1	2	2	0	1	0	0	0	0	0	0	1	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
10	1	2	1	0	0	0	1	2	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
13	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
14	3	1	1	1	1	2	1	1	1	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	3
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
SU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	

OXIDES OF NITROGEN (CC110)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4

AUG, 1982

AEROVIORMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[CA]	[CA]	[CA]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	0
4	0	0	0	0	0	0	0	2	1	2	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
5	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	2	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	1	[PC]	0	1	1	1	1	1	0	0	0	0	0	0	0	1
7	0	0	0	0	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	3	1	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	3
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	6	1	0	0	0	0	0	0	0	0	6
12	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	1	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	1	4	1	1	1	0	0	1	0	0	0	0	0	0	0	0	0	0	4
17	0	0	1	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SD	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0

OXIDES OF NITROGEN [CC:10]
 NICKOGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 4

SEP, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/NOV/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
2	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
3	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
4	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
5	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
6	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
7	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
8	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
9	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
10	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
11	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
12	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
13	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
14	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
15	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
16	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
17	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
18	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
19	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
20	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
21	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
22	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
23	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
24	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
25	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]	[]
26	7	7	6	8	9	8	5	4	5	7	8	8	5	3	3	3	2	3	2	2	0	0	3	7	9	11
27	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	0	0	0	0	0	0	0	0	0	0	2
30	6	0	0	0	0	0	0	0	0	0	0	0	2	5	5	8	9	6	0	0	0	0	0	0	0	9
AV	3	2	1	2	2	2	1	1	1	1	2	2	2	3	3	4	3	3	2	2	2	1	2	2	2	11
SD	3	3	3	4	4	4	2	2	2	3	4	4	2	4	4	5	4	4	4	4	4	3	3	4	3	11

OXIDES OF NITROGEN (CC110)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2	2	4	0	0	5	1	1	0	0	2	4	4	4	7	5	5	5	5	5	5	3	4	3	2	3	7
3	0	0	0	0	4	2	1	2	1	1	3	5	6	6	9	12	9	9	9	9	3	6	5	2	4	12
4	6	7	8	7	4	5	3	8	9	14	23	10	9	11	11	8	7	6	14	13	6	5	5	9	9	23
5	6	3	6	7	6	6	5	5	8	8	5	4	3	4	5	10	4	4	4	3	2	3	3	1	5	10
6	0	0	0	2	2	2	3	1	4	3	6	12	11	12	12	9	9	6	9	9	13	9	6	6	13	13
7	6	4	2	0	1	1	0	2	9	6	9	8	9	17	12	15	13	18	9	10	10	8	4	7	18	18
8	0	0	1	0	0	0	0	1	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
16	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	14	1	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	14
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	3
21	0	0	0	0	0	0	0	0	0	0	[ZS]	5	3	0	0	0	4	0	0	0	0	0	0	0	0	5
22	0	0	0	0	0	0	0	0	0	0	0	10	0	0	0	0	0	0	0	0	0	0	0	0	0	10
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	7	5	0	0	0	0	0	0	7
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	0	6	7	5	0	0	0	0	0	0	1
25	2	1	0	0	0	0	0	0	0	[ZS]	2	3	5	4	5	5	3	1	2	2	3	2	2	1	2	8
26	1	0	0	0	0	1	2	0	2	3	3	3	1	0	1	2	4	2	2	1	2	2	1	1	1	4
27	1	4	4	5	3	3	2	0	0	0	[ZS]	0	0	0	1	2	4	4	2	0	0	0	0	0	0	5
28	0	0	0	0	0	0	0	0	0	0	0	0	5	24	8	8	5	6	4	3	2	3	4	3	24	
29	1	3	2	0	2	1	1	0	1	[PC]	16	18	18	20	19	20	19	17	17	17	17	17	17	18	11	20
30	19	19	19	20	20	20	20	19	20	20	20	20	20	20	20	20	20	20	19	18	18	12	17	17	19	20
31	17	16	16	16	14	15	15	16	16	14	14	16	16	16	16	16	16	17	15	15	16	14	15	14	15	17
AV	2	2	2	2	2	2	2	2	2	3	4	4	4	4	4	4	4	4	4	3	3	3	3	3	3	24
SD	5	5	5	5	4	4	4	5	5	5	7	6	6	7	6	6	6	6	6	6	6	5	5	5	5	5

OXIDES OF NITROGEN [CC:10]
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

NOV, 1982
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

DY	CLOCK HOUR [LOCAL STANDARD TIME]																								AVE PEAK	
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	13	11	11	8	8	8	7	8	9	13	15	16	11	4	3	4	5	3	2	2	3	6	4	4	7	16
2	4	5	4	4	5	4	4	2	8	11	5	[CA]	0	0	0	1	3	3	3	3	0	0	0	0	3	9
3	0	0	0	0	0	0	0	0	0	11	[CA]	[CA]	7	7	7	8	9	13	9	7	5	4	2	0	4	13
4	0	0	0	0	0	0	0	0	0	4	25	19	12	15	13	10	10	8	8	8	8	8	6	4	7	25
5	4	1	1	0	0	0	0	0	0	8	[ZS]	39	12	68	30	11	11	10	9	9	9	9	5	11	68	
6	2	0	0	0	0	0	0	0	0	2	5	6	7	7	7	7	7	5	5	5	6	6	6	5	4	7
7	5	4	3	2	0	0	2	0	5	6	9	9	8	8	7	7	8	9	7	6	5	4	5	5	9	
8	4	4	4	3	7	4	3	3	3	3	3	8	2	2	5	12	7	6	5	6	7	5	5	4	5	12
9	3	4	5	5	4	3	3	2	1	2	12	12	9	[SA]	0	2	2	12	14	14	12	2	10	9	6	14
10	10	10	12	7	6	5	6	4	9	10	11	13	9	3	1	2	1	1	0	0	0	0	0	0	5	13
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	1
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	3	2	1	0	0	0	0	0	0	4
13	0	0	0	0	0	0	0	0	0	0	0	0	2	3	2	0	0	0	0	0	0	0	0	0	0	3
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[ZS]	6	6	8	10	11	10	9	7	3	3	2	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	2	5	6	9	8	6	6	7	6	3	7	4	0	3	9
17	0	0	0	0	0	0	0	0	0	0	13	11	8	[ZS]	14	14	17	9	9	10	9	7	6	5	6	17
18	4	3	2	2	2	1	2	0	0	1	1	13	8	11	7	7	5	5	3	3	3	3	2	1	4	13
19	0	0	1	2	3	0	0	0	0	0	0	[ZS]	0	0	1	0	0	0	0	0	0	0	0	0	0	3
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	3	0	0	0	0	0	0	0	3
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	2	1	1	1	1	1	1	1	1	1	2	4	6	4	5	4	4	3	3	3	3	2	2	1	2	68
SD	3	3	3	2	2	2	2	2	3	4	7	9	4	13	6	5	5	4	4	4	4	3	3	2	2	5

OXIDES OF NITROGEN (CC110)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 4

DEC, 1982

AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

LY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	4	0	0	0	0	0	0	0	0	0	0	4
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	2
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	4
17	0	0	0	0	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	13	4	3	0	0	3	0	0	0	0	0	13
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	21	0	0	1	0	0	0	0	0	21
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	4	4	0	0	0	0	0	0	0	1

OLUME [CC:11]

MICROGRAMS./CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

JUN, 1962

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/63 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	76	73	72	67	65	62	63	66	68	70	73	81	83	86	86	89	90	92	92	94	88	85	83	79	89	94	
2	75	64	62	64	66	66	69	71	70	70	73	81	83	86	86	88	89	90	91	89	84	78	74	80	80	97	
3	91	85	77	77	75	69	65	68	70	80	90	94	99	91	98	97	96	94	87	82	84	82	78	77	84	99	
4	79	78	76	77	66	67	68	64	72	76	79	87	93	92	91	93	95	93	91	90	88	90	87	81	82	95	
5	76	73	73	74	75	75	62	67	74	80	75	95	97	104	98	97	96	94	92	92	93	83	85	85	84	104	
6	82	81	77	76	75	84	75	77	88	90	96	96	101	98	94	94	94	92	91	86	85	82	82	77	86	101	
7	76	73	73	68	65	66	57	61	70	76	84	92	91	88	86	88	83	80	78	77	77	73	71	68	76	92	
8	67	65	62	60	59	49	50	55	61	69	71	81	88	86	84	84	82	81	79	76	74	72	69	66	70	88	
9	64	53	53	54	53	50	48	52	59	67	71	81	88	86	81	78	77	69	83	85	80	73	67	69	86	86	
10	61	59	59	57	56	59	53	50	58	68	76	81	81	80	79	77	76	76	74	69	69	69	67	66	68	81	
11	63	63	57	53	56	53	43	45	61	70	70	73	72	68	67	68	69	69	68	71	71	69	77	64	77	73	
12	69	70	68	57	57	63	54	53	66	89	86	89	86	89	93	93	89	89	89	89	89	89	89	89	89	89	89
13	69	60	60	56	55	53	57	57	59	63	65	67	69	67	65	61	58	57	55	54	53	52	49	45	59	69	
14	58	58	58	55	55	53	57	57	59	63	65	67	69	67	65	61	58	57	55	54	53	52	49	45	59	69	
15	48	53	51	55	55	55	58	60	65	66	67	70	73	75	72	69	71	67	62	59	65	63	69	61	63	75	
16	73	72	67	65	62	63	66	68	70	73	81	83	86	86	89	90	92	92	94	88	85	83	79	89	94		
17	75	64	62	64	66	66	69	71	70	70	73	81	83	86	86	88	89	90	91	89	84	78	74	80	80	97	
18	91	85	77	77	75	69	65	68	70	80	90	94	99	91	98	97	96	94	87	82	84	82	78	77	84	99	
19	79	78	76	77	66	67	68	64	72	76	79	87	93	92	91	93	95	93	91	90	88	90	87	81	82	95	
20	76	73	73	74	75	75	62	67	74	80	75	95	97	104	98	97	96	94	92	92	93	83	85	85	84	104	
21	82	81	77	76	75	84	75	77	88	90	96	96	101	98	94	94	94	92	91	86	85	82	82	77	86	101	
22	76	73	73	68	65	66	57	61	70	76	84	92	91	88	86	88	83	80	78	77	77	73	71	68	76	92	
23	67	65	62	60	59	49	50	55	61	69	71	81	88	86	84	84	82	81	79	76	74	72	69	66	70	88	
24	64	53	53	54	53	50	48	52	59	67	71	81	88	86	81	78	77	69	83	85	80	73	67	69	86	86	
25	61	59	59	57	56	59	53	50	58	68	76	81	81	80	79	77	76	76	74	69	69	69	67	66	68	81	
26	63	63	57	53	56	53	43	45	61	70	70	73	72	68	67	68	69	69	68	71	71	69	77	64	77	73	
27	69	70	68	57	57	63	54	53	66	89	86	89	86	89	93	93	89	89	89	89	89	89	89	89	89	89	89
28	58	60	60	56	55	53	57	57	59	63	65	67	69	67	65	61	58	57	55	54	53	52	49	45	59	69	
29	48	53	51	55	55	55	58	60	65	66	67	70	73	75	72	69	71	67	62	59	65	63	69	61	63	75	
30	70	68	66	64	63	62	59	60	66	73	78	83	87	86	85	85	84	82	81	79	79	75	74	72	74	104	
SD	11	10	9	9	8	10	9	9	7	10	10	9	10	10	12	12	11	12	12	13	12	11	11	11	14	1	

OZONE (OC:11)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

JUL, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	59	61	61	61	58	56	54	58	58	58	58	58	78	78	81	83	81	82	84	83	78	75	74	77	77	70	84
2	79	74	69	65	63	63	59	56	69	78	79	80	81	79	78	79	80	81	80	80	80	75	73	72	73	74	81
3	71	67	69	65	65	68	62	59	54	65	71	77	78	79	85	87	91	92	91	93	86	83	77	70	70	75	93
4	70	69	70	71	70	61	62	57	69	67	63	64	65	70	76	70	76	81	76	76	76	74	80	64	63	68	81
5	62	60	58	57	47	52	45	50	57	60	63	68	68	72	76	73	84	85	91	89	86	74	80	71	68	81	
6	66	52	56	49	46	48	43	37	38	55	60	64	65	68	74	71	69	68	67	63	64	64	83	63	60	83	
7	60	56	57	59	56	47	51	42	50	61	63	71	81	86	85	79	75	74	79	77	78	82	76	69	67	86	
8	57	54	45	53	55	56	57	56	48	55	60	66	69	71	69	63	60	59	58	56	52	45	44	36	56	71	
9	42	38	33	32	27	27	20	25	43	59	53	53	77	75	75	75	73	71	74	80	69	57	62	81	55	81	
10	81	67	71	60	57	58	54	43	63	64	72	81	88	93	90	89	90	89	85	83	79	74	72	74	74	93	
11	72	61	56	53	60	57	44	47	60	62	78	86	90	90	90	92	90	88	90	88	82	83	79	72	74	92	
12	67	65	64	62	58	59	47	52	71	72	78	100	98	91	83	83	85	83	72	72	72	70	65	65	72	100	
13	67	66	44	51	51	51	48	52	59	68	72	82	95	98	93	90	93	93	91	85	79	75	66	68	72	98	
14	67	68	59	55	51	55	46	51	62	66	87	99	102	105	102	97	96	97	93	51	83	82	82	75	76	105	
15	75	70	73	62	55	60	50	53	58	71	79	85	84	85	84	85	85	85	86	77	69	66	60	57	71	86	
16	64	67	70	72	63	63	63	61	65	75	81	76	77	79	78	79	78	79	80	75	73	74	74	68	74	80	
17	68	64	60	63	63	63	63	60	64	72	86	87	90	89	90	90	90	94	94	88	82	81	80	46	76	94	
18	68	63	71	61	59	59	63	60	64	72	86	87	90	89	90	90	90	94	94	88	82	81	80	46	76	94	
19	85	36	69	68	63	61	61	65	71	78	78	95	97	93	91	88	91	88	84	79	88	84	79	82	78	97	
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]
22	71	70	69	69	72	62	65	63	66	67	67	98	98	98	96	96	96	96	95	93	92	90	88	40	74	79	
23	35	83	80	83	77	80	73	76	80	93	97	98	98	96	95	94	89	86	88	92	92	92	93	88	60	85	
24	92	36	72	67	71	51	49	56	33	88	88	90	91	92	87	92	95	93	90	93	81	75	75	77	76	95	
25	37	74	75	71	71	67	59	54	67	74	80	85	87	92	94	96	98	102	98	88	83	87	86	84	80	102	
26	79	83	87	78	68	59	55	67	68	78	87	92	99	95	90	88	89	93	92	87	88	89	81	88	83	99	
27	80	90	76	61	52	60	68	69	68	68	79	85	93	93	91	94	96	97	97	94	89	78	65	75	80	97	
28	69	53	54	50	45	57	43	39	49	44	57	69	82	84	82	84	82	88	85	82	80	67	32	65	80	94	
29	59	49	54	47	45	58	51	53	59	62	66	[ZS]	83	84	82	83	83	75	71	69	67	66	62	63	65	84	
30	60	59	58	57	55	56	49	61	67	78	83	87	89	89	88	87	85	87	86	80	79	74	71	68	73	89	
31	64	62	57	55	53	52	44	49	67	70	66	81	81	79	78	75	78	77	74	74	74	72	67	64	67	81	
AV	66	63	63	60	58	58	54	55	60	69	74	83	85	85	85	85	85	85	85	84	81	78	75	70	70	72	105
SD	12	13	12	10	11	9	11	11	11	10	11	11	11	10	9	9	9	9	10	9	11	10	13	11	15	[]	

OZONE [CC111]

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	57	63	56	49	56	50	43	40	41	53	60	67	71	71	71	71	69	75	76	70	74	80	77	70	63	80	
2	71	73	78	70	65	66	68	70	70	70	[CA]	[RF]	91	82	77	74	72	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	73	91
3	67	68	57	64	64	62	48	48	48	54	62	67	69	72	73	63	71	71	76	84	85	80	70	69	76	80	80
4	75	67	67	63	65	60	60	61	61	66	74	80	85	85	83	86	85	84	81	77	72	75	74	70	73	86	
5	67	63	63	62	64	61	54	54	55	61	[PC]	84	92	94	91	90	90	92	91	86	85	84	66	75	75	94	
6	72	68	65	65	66	62	59	57	62	63	72	79	83	84	84	91	93	87	85	82	80	84	86	90	76	93	
7	92	96	91	90	89	86	82	85	89	93	94	94	92	92	89	86	87	90	88	86	81	80	74	71	87	96	
8	65	58	59	64	57	53	47	48	52	59	67	[ZS]	83	88	87	83	82	82	74	74	73	75	68	67	68	88	
9	75	73	71	61	56	54	51	44	64	71	77	82	87	87	82	83	83	82	81	77	79	72	68	68	72	87	
10	66	68	68	70	72	71	69	72	77	[ZS]	87	87	88	89	89	81	81	76	77	75	79	77	75	79	78	89	
11	86	84	78	76	77	77	66	62	63	80	90	92	95	96	91	87	83	88	82	82	81	78	75	64	81	96	
12	67	72	63	63	63	78	77	78	77	[ZS]	87	87	87	88	95	90	84	87	83	76	78	77	77	62	78	95	
13	64	60	58	50	44	36	40	27	38	43	47	57	72	80	79	80	71	79	75	77	69	72	64	60	80	80	
14	61	58	54	53	47	45	39	46	46	59	69	71	69	67	66	71	74	80	80	80	75	74	65	62	63	80	
15	69	71	75	65	64	57	62	64	63	61	74	78	81	73	77	89	80	86	81	77	71	69	66	57	71	89	
16	58	55	48	54	53	51	51	52	45	[ZS]	74	80	82	82	82	84	82	74	83	105	105	94	89	88	73	105	
17	82	77	82	94	92	82	72	86	93	96	99	101	100	101	101	100	101	102	99	96	95	91	87	81	93	102	
18	76	72	66	68	73	73	73	68	63	[ZS]	96	99	107	107	102	107	109	109	107	106	105	96	[RF]	[RF]	90	109	
19	82	77	82	[RF]	65	79	67	56	58	[PC]	79	86	96	107	105	103	103	103	98	93	98	102	102	101	88	107	
20	101	88	84	88	88	83	76	78	78	79	97	97	98	102	106	102	101	107	98	105	104	99	88	84	93	107	
21	80	87	88	86	77	82	86	90	86	95	103	102	103	104	103	100	96	102	92	89	87	84	85	83	91	104	
22	79	75	78	81	76	65	67	58	59	67	[ZS]	96	98	98	94	91	90	89	87	85	89	91	85	81	82	98	
23	86	86	88	90	85	75	74	76	68	73	77	78	83	86	85	85	85	85	85	85	86	80	83	81	80	82	90
24	74	74	79	82	80	78	76	78	86	88	[ZS]	85	92	92	89	87	86	84	82	81	81	79	77	78	82	92	
25	78	77	77	75	75	74	74	72	80	82	84	88	88	88	84	84	79	77	76	74	74	64	62	62	76	88	
26	64	61	60	55	58	56	53	43	46	[ZS]	82	83	84	84	84	79	80	79	77	75	74	68	69	78	69	84	
27	64	61	60	55	58	56	53	43	46	[ZS]	82	83	84	84	84	79	80	79	77	75	74	68	69	78	69	84	
28	73	81	77	73	67	65	66	61	64	69	77	80	79	80	74	76	83	92	89	82	75	72	69	68	75	92	
29	66	59	58	54	53	53	53	53	53	60	65	74	72	75	79	76	75	72	74	72	63	66	69	63	58	79	
30	56	58	59	57	58	59	53	43	46	59	[CA]	[CA]	81	76	75	68	73	79	80	73	75	70	69	64	65	81	
31	64	54	56	53	48	58	56	44	45	43	64	75	81	86	74	67	70	76	75	76	70	61	58	59	63	86	
AV	73	71	69	68	67	65	63	60	63	69	79	84	86	87	85	84	84	85	84	82	81	79	75	73	76	109	
SD	11	11	12	13	13	13	12	16	15	15	14	11	10	11	11	11	11	11	9	10	11	10	10	10	11	14	

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 * FINAL DATA *
 * AS OF 30/MAR/83 *
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WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 4

DUZHE [00111]
 MICROGRAMS/CUBIC METER

SEP, 1982

AEROVIRONMENT INC.

CLOCK HOUR [LOCAL STANDARD TIME]

AVE FEWK

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE FEWK	
1	65	66	68	63	61	60	59	59	63	58	68	77	94	93	90	85	86	89	87	83	80	76	68	71	74	74
2	77	75	72	73	69	67	65	61	67	71	73	87	96	103	103	100	100	97	94	83	90	80	78	76	82	103
3	70	68	69	69	67	73	71	71	58	71	81	114	94	99	94	94	96	94	96	94	97	100	98	100	85	114
4	90	87	86	80	80	76	78	71	65	86	61	107	119	124	125	133	78	132	125	120	115	106	99	103	98	133
5	102	104	109	100	103	90	66	97	105	109	114	115	116	106	96	90	89	84	75	72	73	59	69	94	116	
6	51	58	57	54	54	55	47	51	49	57	75	71	89	95	99	93	86	81	85	85	85	76	69	68	70	99
7	62	62	60	56	66	54	52	48	49	64	78	[ZS]	85	85	85	85	85	81	78	73	77	76	73	66	70	85
8	54	54	56	52	41	47	43	57	67	55	65	71	82	84	81	81	83	79	74	73	72	72	72	76	66	84
9	76	74	73	71	68	62	60	53	40	66	75	76	[ZS]	84	81	83	81	81	79	83	76	66	84	85	74	86
10	83	82	85	82	74	75	81	82	81	78	74	81	79	76	80	79	75	70	64	63	63	55	53	51	74	85
11	54	46	41	44	48	43	34	35	41	47	44	41	39	39	39	43	46	44	41	39	40	40	39	42	42	54
12	37	23	26	36	26	23	18	24	38	52	60	59	60	58	55	57	57	58	52	43	41	36	36	35	42	60
13	35	30	27	20	14	16	22	32	40	44	44	49	42	38	39	41	42	37	33	35	54	51	46	45	37	54
14	38	33	35	35	36	36	37	21	19	[ZS]	41	50	58	62	62	62	55	52	45	47	53	46	43	38	44	62
15	26	21	22	17	10	15	14	23	34	37	35	36	40	43	42	42	44	32	43	47	41	35	34	31	32	47
16	21	29	34	24	21	19	15	11	26	3	24	40	[ZS]	53	53	63	74	62	51	53	52	43	51	52	38	74
17	52	41	26	31	33	31	35	41	39	39	[PC]	60	54	57	54	52	51	48	49	45	46	47	46	47	45	60
18	46	33	43	43	44	26	23	16	24	30	36	40	44	46	48	46	41	35	35	34	27	23	23	21	35	48
19	17	12	17	14	16	8	11	10	3	12	21	24	27	29	27	27	29	24	20	21	19	23	27	27	19	29
20	25	15	17	20	15	15	17	7	20	22	27	35	[ZS]	35	34	36	37	39	32	33	31	26	23	21	25	39
21	14	7	8	2	3	3	2	0	7	12	21	27	35	39	39	38	35	33	30	25	26	26	27	29	20	39
22	17	13	21	25	15	17	17	0	0	0	19	35	39	37	37	31	38	39	35	31	27	29	19	17	23	39
23	21	26	28	26	19	19	20	15	12	22	22	32	35	37	35	35	35	34	28	34	25	25	28	27	37	37
24	24	18	19	16	13	12	14	12	4	6	25	30	35	39	46	45	38	35	33	33	32	28	24	16	25	46
25	15	21	17	17	13	18	12	15	3	12	[ZS]	19	26	30	33	30	29	21	20	16	17	13	9	15	13	33
26	9	16	17	17	12	14	16	9	0	15	12	15	24	20	20	20	17	12	7	6	7	2	3	1	12	24
27	3	8	12	14	12	10	5	17	33	34	39	[ZS]	41	36	34	50	54	49	51	53	55	49	48	31	55	
28	34	39	35	26	27	24	20	20	17	22	27	29	31	29	30	32	32	23	18	23	27	30	35	39	27	39
29	42	40	33	42	57	55	58	55	58	58	57	44	44	42	43	42	49	51	51	45	40	39	32	26	46	58
30	21	29	26	26	26	26	32	26	23	41	39	38	48	48	53	55	52	60	68	74	72	70	63	58	45	74
AV	43	41	41	40	38	37	36	34	35	42	48	53	59	60	59	59	57	56	54	52	52	50	47	47	47	133
SD	26	26	25	26	26	26	25	25	26	27	25	28	29	29	28	28	23	28	28	27	27	26	25	26	27	[]

OZONE [CC:11]

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

OCT, 1962

AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE PEAK		
1	49	44	45	39	37	43	42	36	33	28	40	43	44	44	37	46	50	55	57	56	57	55	54	54	45	57	
2	53	52	46	50	48	46	48	43	43	39	48	49	51	53	62	67	68	73	71	67	62	62	53	53	54	73	
3	59	55	55	56	51	56	52	51	36	44	58	64	63	72	68	63	60	70	72	74	72	74	66	81	78	61	81
4	77	82	78	71	73	61	67	57	56	56	53	79	78	89	93	89	81	85	96	102	106	108	108	105	80	108	
5	98	91	87	86	94	103	110	102	90	96	113	112	109	106	102	108	100	96	103	106	91	91	91	91	100	113	
6	91	83	88	81	82	81	76	78	78	78	81	84	94	102	105	108	90	91	96	101	96	95	90	88	101	113	
7	89	92	85	81	82	81	76	78	78	78	81	84	94	102	105	108	104	106	118	111	111	111	114	112	95	113	
8	106	106	111	106	107	102	107	99	100	101	103	104	101	105	109	108	109	103	106	108	104	100	100	102	105	111	
9	102	99	101	99	104	96	95	95	98	103	103	103	106	104	105	105	102	98	96	96	95	97	97	97	100	106	
10	95	97	91	90	90	85	82	81	84	85	86	101	103	104	105	103	101	98	95	97	100	102	102	58	95	105	
11	96	91	94	92	84	90	91	84	77	69	78	[Z6]	97	109	74	114	113	108	106	106	105	96	92	92	94	114	
12	87	86	87	88	92	87	81	78	76	81	82	95	101	105	110	110	107	104	104	106	102	99	97	96	95	107	
13	93	94	94	96	88	82	79	80	77	[Z5]	68	96	101	103	105	107	106	104	104	106	102	99	97	96	94	110	
14	96	86	95	86	87	95	81	87	80	73	85	93	100	108	68	108	105	102	103	102	99	97	94	90	93	108	
15	76	86	86	77	81	74	79	79	71	71	[PC]	93	105	104	108	107	107	97	100	98	103	110	108	109	93	110	
16	107	105	102	97	92	95	95	87	78	79	87	99	63	109	113	112	111	110	111	103	100	102	103	95	93	113	
17	98	99	98	95	92	85	85	85	82	73	68	89	91	98	64	108	113	116	117	113	110	109	107	106	97	118	
18	103	105	99	95	97	96	93	85	81	86	77	86	[Z5]	115	117	116	113	111	106	103	102	104	103	100	100	117	
19	103	102	100	99	98	95	94	93	95	94	98	21	101	103	102	101	100	97	95	95	94	91	86	89	94	103	
20	84	84	83	80	82	78	78	77	74	73	81	90	93	93	96	99	99	97	97	93	92	89	87	85	87	99	
21	82	83	83	81	78	78	75	74	71	67	[Z5]	92	98	103	100	98	99	99	91	88	87	84	87	87	103		
22	81	78	82	82	82	76	78	70	63	63	61	[Z5]	80	89	90	90	92	90	15	92	90	88	85	83	78	92	
23	79	79	75	76	74	74	75	67	69	65	70	84	85	88	92	97	99	95	99	97	97	94	88	81	83	99	
24	82	83	87	78	75	77	77	79	77	70	78	82	87	90	94	97	95	90	92	91	88	88	88	88	85	97	
25	91	93	89	85	86	87	86	83	67	[Z5]	87	80	81	85	87	11	86	81	79	85	81	78	71	63	79	93	
26	71	64	68	71	72	69	64	62	64	65	68	69	70	70	72	73	75	75	72	80	81	60	60	72	71	81	
27	73	66	70	65	79	81	84	84	85	88	89	[Z5]	85	82	82	48	86	9	87	88	86	81	78	71	76	89	
28	73	70	73	73	72	73	72	74	75	79	80	81	74	80	79	79	79	79	79	79	80	81	82	82	82	77	82
29	81	79	79	79	76	77	77	76	78	[PC]	74	78	80	77	76	75	76	75	76	76	75	73	73	71	77	81	
30	68	65	63	65	58	63	61	58	54	55	56	56	62	60	52	56	63	61	53	58	55	61	63	59	58	68	
31	62	63	63	62	48	51	47	51	50	54	60	61	59	62	64	66	64	61	50	46	54	56	57	56	57	66	
AV	84	83	83	80	80	79	78	75	72	71	77	81	86	89	89	91	88	88	91	90	89	88	86	84	84	118	
SD	16	16	16	15	17	16	16	15	16	18	17	21	17	19	19	26	19	23	21	17	16	16	16	16	16	19	

UPHRE (CC111)

MICKOGARDS-CUBIC METER

WHITE RIVER SHOUL PROJECT, #139
BOONING, UTAH
STYL 4

NOV, 1982

GOVERNMENT INC.

* FINAL DATA *
* AS OF 30,NOV,82 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE FLOK
1	56	56	60	63	62	62	62	63	61	67	74	76	79	82	81	82	82	76	73	74	76	70	61	71	69
2	73	73	70	63	65	65	62	63	54	65	68	72	77	78	78	79	74	73	69	70	68	65	62	62	69
3	65	65	62	59	61	65	63	63	51	43	58	65	75	73	76	81	81	80	78	80	77	63	62	66	67
4	66	58	61	59	52	56	56	52	49	47	44	40	42	40	42	46	46	40	40	43	40	37	66	63	64
5	52	52	57	51	53	59	58	50	47	47	48	48	47	58	64	74	72	70	70	68	67	64	62	62	61
6	64	63	64	66	62	63	60	53	47	47	51	68	71	74	74	77	83	87	84	82	79	78	77	78	87
7	74	71	67	64	62	65	67	66	62	59	66	69	72	73	74	78	80	81	80	72	72	87	87	85	73
8	82	80	80	83	83	80	79	79	78	74	65	69	60	60	65	59	61	62	61	57	56	53	46	46	60
9	46	42	36	35	41	43	37	42	39	33	28	41	50	41	71	71	69	67	67	71	70	63	66	67	52
10	50	44	40	53	53	60	38	42	37	51	71	72	71	73	72	73	72	80	85	79	76	74	76	77	63
11	52	67	73	79	83	82	82	80	77	79	80	81	79	79	79	82	82	82	81	78	76	75	74	74	70
12	74	68	73	66	70	72	73	68	69	60	64	64	69	80	79	80	80	80	80	76	83	84	81	79	84
13	73	78	76	76	69	66	64	59	53	57	61	74	69	78	79	83	86	83	79	76	74	71	67	66	72
14	67	66	63	60	59	54	54	54	54	60	66	67	71	72	73	74	73	74	72	72	66	63	59	51	65
15	64	65	60	59	57	55	52	56	53	53	37	50	60	63	61	66	62	60	61	62	63	60	58	54	56
16	50	49	54	50	53	53	47	47	47	50	58	64	70	73	74	70	78	76	71	71	69	61	61	60	61
17	61	57	64	64	67	50	51	53	53	55	49	66	73	73	71	74	78	79	81	39	1	36	71	68	59
18	65	61	60	61	55	49	44	57	47	47	51	58	64	70	72	73	71	66	63	63	63	60	60	61	60
19	61	58	58	59	63	65	63	67	68	68	71	75	82	78	78	78	79	76	74	74	74	74	73	73	70
20	75	65	70	69	67	64	68	66	60	60	66	65	63	67	69	66	64	64	68	73	71	69	67	63	59
21	64	61	59	62	57	73	73	75	64	63	52	52	63	61	63	66	68	64	68	59	79	79	82	64	66
22	74	62	64	65	69	57	52	55	54	48	43	48	52	53	58	57	52	59	58	66	74	74	70	66	60
23	69	71	74	70	65	65	62	63	59	64	70	70	71	79	85	83	81	80	76	74	73	68	71	69	71
24	65	65	67	67	58	61	49	54	48	57	58	58	64	67	63	64	71	70	63	61	58	53	51	57	60
25	59	53	53	52	45	42	43	37	34	46	52	52	59	62	66	65	65	62	61	62	60	63	65	66	58
26	65	67	68	63	58	54	55	53	49	49	56	59	60	73	77	70	77	76	74	74	70	70	65	66	60
27	62	56	63	53	56	60	56	55	49	58	56	59	60	73	70	68	73	73	73	74	74	71	70	67	60
28	67	64	57	50	47	47	47	45	45	47	50	53	56	60	64	64	60	56	53	50	59	47	47	49	53
29	45	40	41	42	46	48	62	43	36	43	44	49	49	47	47	52	46	46	41	41	70	71	73	71	54
30	71	70	61	70	55	49	53	58	65	65	65	64	64	65	63	62	60	59	58	58	59	65	60	66	63
AV	65	62	62	61	60	59	58	58	54	56	58	62	68	69	71	72	72	71	71	69	68	67	67	66	64
SD	7	9	10	10	10	10	11	11	11	11	12	10	8	8	8	8	10	10	9	9	15	11	10	10	11

OZONE [CC:11]

NICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	84	85	83	82	81	80	79	78	76	74	[ZS]	74	74	73	72	71	70	68	65	66	65	64	64	64	74	85
2	64	64	64	64	64	64	62	62	62	64	65	67	69	70	72	71	70	73	70	69	69	68	67	67	66	73
3	67	67	64	64	60	64	58	60	58	60	[ZS]	61	66	70	71	62	65	63	62	67	62	62	62	62	64	71
4	58	55	49	46	41	43	41	44	38	40	47	48	54	63	65	65	65	65	64	65	59	58	57	57	54	65
5	57	52	49	46	51	56	53	53	44	46	51	54	56	56	53	52	55	55	59	60	52	55	56	53	60	
6	51	49	47	41	46	41	43	42	38	34	46	[ZS]	52	58	55	56	54	55	51	54	55	56	56	56	49	58
7	53	49	50	38	44	47	52	47	41	41	38	35	37	43	42	51	56	58	59	61	61	62	61	61	49	62
8	60	60	60	60	60	59	58	56	53	56	58	[ZS]	60	61	62	62	61	59	62	64	63	59	57	60	64	
9	55	47	53	44	40	43	48	38	38	40	41	50	56	59	59	58	58	58	56	58	57	53	49	50	59	
10	51	47	46	49	53	57	53	42	47	50	51	[PC]	59	60	63	64	62	60	61	61	60	59	62	58	55	64
11	56	59	59	61	63	64	58	48	64	56	55	62	67	71	73	73	72	71	73	73	71	69	65	62	64	73
12	56	49	52	56	64	67	64	67	60	59	64	70	71	72	72	71	72	70	68	67	66	67	62	61	64	72
13	62	60	59	59	63	64	62	59	58	55	56	60	[ZS]	61	62	63	61	59	56	58	62	58	65	65	60	65
14	67	69	70	71	71	71	71	71	71	71	69	71	77	78	78	34	72	75	72	78	74	72	71	72	71	78
15	70	68	68	59	61	61	61	53	56	55	48	[ZS]	61	66	64	70	70	71	68	68	68	63	46	61	62	71
16	83	80	76	76	71	72	71	71	67	59	60	64	67	72	68	72	74	70	73	61	58	67	76	76	70	83
17	72	71	61	30	64	68	70	68	70	67	58	73	73	74	78	75	74	76	75	74	74	72	68	61	69	78
18	59	66	73	73	70	70	74	70	68	71	73	77	72	81	83	83	82	83	81	79	78	38	74	74	73	83
19	70	69	70	70	70	66	68	69	62	61	64	73	74	74	73	74	37	77	70	79	78	76	74	80	69	60
20	79	79	76	77	76	73	73	68	65	64	60	37	58	[ZS]	70	75	73	77	78	67	69	71	65	70	79	79
21	68	70	60	66	67	76	73	69	67	70	66	64	71	75	74	73	27	51	66	61	61	68	65	69	66	76
22	64	62	62	62	71	78	68	63	64	65	66	70	71	72	71	70	67	68	65	64	61	61	61	59	66	78
23	53	54	54	54	53	55	55	55	62	69	65	61	65	74	73	74	69	68	65	67	67	67	67	65	63	74
24	67	67	67	66	65	65	69	70	72	73	72	71	71	72	74	74	69	68	65	67	67	67	67	65	63	74
25	73	73	73	73	74	74	74	74	73	69	71	73	74	76	78	78	78	78	78	77	77	74	73	73	74	78
26	72	72	73	70	67	68	68	68	64	64	65	64	68	72	72	73	74	73	73	69	68	64	64	64	69	74
27	61	65	59	64	61	64	65	58	57	62	61	58	64	65	68	67	71	68	69	65	69	68	69	73	65	73
28	71	70	70	68	69	68	66	66	65	64	61	62	65	71	72	72	73	72	74	62	69	68	66	65	68	74
29	65	65	64	62	61	61	63	65	61	57	57	65	68	73	72	71	70	54	64	67	65	65	65	67	65	74
30	73	69	65	67	65	62	64	63	61	60	53	[ZS]	69	76	79	71	81	79	78	39	77	74	73	69	61	81
31	70	72	71	70	69	70	71	70	71	65	62	67	[CA]	76	79	81	81	81	79	72	80	78	39	75	71	81
AV	65	64	63	61	62	64	63	61	60	59	59	62	65	68	69	68	67	69	67	67	66	65	64	65	64	65
SD	5	10	10	12	10	10	9	11	10	11	9	11	9	8	10	10	12	8	10	7	8	8	8	8	10	10

SULFUR DIOXIDE [CC:14]
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

JUN, 1982

AEROVIRONNENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY 00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22 23 AVE PEAK

1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

HV 0 1
SD 1

SULFUR DIOXIDE (CC:14)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, M139
BOHANZA, UTAH
SITE 4

JUL, 1962

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	2	0	0	0	0	5
2	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	2	4	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	2	2	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	0	0	0	0	0	0	0	0	0	0	0
17	5	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0
18	3	3	2	4	5	12	12	10	10	6	6	7	6	8	8	7	6	5	4	6	7	10	8	9	7	12	
19	8	7	7	7	5	7	7	6	5	6	[ZS]	5	3	4	7	6	5	4	2	3	3	3	2	[RF]	[RF]	5	8
20	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]
21	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]
22	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	1	0	1	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	1	0	0	3	1	1	0	0	1
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	1	0	2	0	1	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0
30	0	1	0	0	1	1	1	1	0	0	0	0	0	4	2	2	3	2	1	2	3	3	5	5	2	5	
31	3	5	2	3	3	4	3	1	2	1	0	2	0	2	2	3	3	5	4	3	5	5	7	8	3	8	
AV	1	1	0	1	1	1	1	1	1	1	0	1	0	1	1	1	1	1	1	0	1	1	1	1	1	1	12
SD	2	2	1	2	1	3	3	2	2	2	1	2	1	2	2	2	2	2	1	1	2	2	2	2	2	2	3

SULFUR DIOXIDE (CC14)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 4

AUG. 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	7	7	9	7	7	8	8	7	5	6	2	4	4	5	5	7	9	10	8	10	10	8	10	8	7	10
2	7	8	7	6	7	7	7	5	5	4	[CA]	[CA]	0	5	5	4	5	10	8	10	10	8	10	8	7	10
3	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	[RF]	2	1	1	4	3	3	5	6	6	8	9	8	6	8
4	7	8	8	5	8	6	7	7	2	2	2	1	2	2	3	2	3	4	5	6	6	9	8	8	5	9
5	8	7	8	7	7	6	5	5	5	5	3	3	3	3	1	2	2	1	1	0	3	4	3	4	4	8
6	2	5	3	2	3	4	5	2	1	0	[PC]	1	0	0	0	0	0	0	2	2	1	1	4	2	2	5
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	3	0	3	0	1	1	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	3	5	3	4	6	2	7	3	0	1	[ZS]	4	1	0	5	0	3	1	3	6	9	10	10	11	4	11
24	8	6	6	2	4	5	6	6	6	[CA]	[CA]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
25	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
26	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
27	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
28	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
29	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
30	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
31	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]	[OR]
AV	3	3	3	2	3	3	3	3	1	1	0	1	1	1	1	1	1	1	1	1	1	1	2	2	3	1
SD	5	3	3	2	3	3	3	3	2	2	1	1	1	2	2	2	2	2	2	3	3	3	4	3	3	3

SULFUR DIOXIDE [CC-14]
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #135
BOHANZA, UTAH
SITE 4

SEP, 1982

HEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
2	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
3	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
4	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
5	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
6	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
7	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
8	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
9	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
10	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
11	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
12	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
13	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
14	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
15	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
16	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
17	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
18	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
19	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
20	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
21	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
22	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
23	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
24	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
25	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
26	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
27	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]	[OK]
28	3	2	3	0	1	3	1	0	1	0	3	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	2	1	0	0	0	2
HV	1	1	1	0	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	2	1	2	0	1	2	1	0	1	0	2	0	0	1	1	0	0	0	0	0	1	0	0	0	0	1

SULFUR DIOXIDE [CC:14]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 4
 OCT, 1982
 AERODIVORHMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	1	0	3	2	1	2	0	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
4	3	1	1	1	0	0	0	0	0	1	3	2	1	3	3	2	3	2	4	2	3	3	3	3	3	4
5	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	
6	0	0	0	0	0	0	0	0	0	0	0	[CA]	1	1	1	1	1	1	1	1	1	2	1	1	2	
7	1	1	1	1	1	1	1	1	1	1	1	2	4	7	5	5	3	3	3	3	2	1	1	1	1	7
8	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
10	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
11	1	1	1	1	1	1	1	1	1	3	2	[ZS]	2	3	4	3	2	1	1	1	1	1	1	1	1	2
12	1	1	1	1	1	1	1	1	1	1	2	1	2	1	1	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	[ZS]	2	1	1	1	1	1	1	1	1	1	2	2	2	2	2	4
14	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
15	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	4
16	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	5
17	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	6
18	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
19	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
20	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
21	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
22	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
23	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
24	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	3
25	4	5	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	6
26	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
27	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
28	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
29	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6
30	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
31	3	3	4	2	1	1	1	1	2	1	2	1	1	1	1	3	1	1	1	1	1	1	1	1	1	4
AV	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	7
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

SULFUR DIOXIDE [CC114]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 4

NOV, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK			
1	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4		
2	4	4	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	
3	4	4	5	5	7	5	6	4	5	7	6	5	[ZS]	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7	
4	4	4	4	4	4	4	4	5	6	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7	
5	4	4	4	4	4	4	4	4	4	4	[ZS]	7	4	5	7	5	4	4	4	4	4	4	4	4	4	4	4	4	7
6	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
7	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
8	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
9	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
12	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
13	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
14	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
15	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
16	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
17	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
18	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
19	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
20	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
21	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
22	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
23	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
24	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
25	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
26	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
27	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
28	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
29	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
30	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	
AV	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	7	
SD	0	0	0	1	1	1	0	1	0	1	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	1	

SULFUR DIOXIDE (CC14)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 4

DEC, 1982

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *
*

CLOCK HOUR (LOCAL STANDARD TIME)

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	[IN]	[IN]	[IN]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[CA]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[MT]	[]	[]
2	4	4	4	4	4	4	4	4	4	4	4	4	3	3	3	2	2	2	2	2	2	2	3	3	3	3	4
3	4	3	4	4	4	5	4	5	4	4	[ZS]	5	4	2	2	2	2	2	2	2	2	2	2	3	3	3	5
4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3
5	2	2	2	3	3	3	3	3	4	4	[ZS]	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
6	1	1	1	2	2	2	2	2	2	2	2	[ZS]	2	0	2	0	0	0	0	0	0	0	0	0	0	0	1
7	2	0	0	2	0	1	0	0	2	1	0	0	0	0	2	1	2	3	3	3	3	3	3	3	3	3	2
8	3	3	3	3	3	3	3	3	3	3	3	[ZS]	3	3	3	1	1	1	1	1	1	1	1	1	1	1	3
9	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
10	0	0	0	1	1	1	0	0	1	0	1	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
11	0	0	0	0	1	2	3	3	1	0	0	0	3	3	3	3	3	3	3	3	3	3	3	3	3	3	1
12	0	0	0	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
13	0	0	0	0	0	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	1	2	2	2	2	2	2	2	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	1	1	1	1	1	1	1	1	1	[ZS]	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
17	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2
18	1	2	2	2	2	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	2	3	0	2	1	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
20	0	0	0	1	1	1	1	1	2	3	2	1	[ZS]	1	1	1	1	1	1	1	1	1	1	1	1	1	3
21	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	2	2	2	1	1	1	2	2	1	2
22	2	2	2	1	2	2	2	2	5	3	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
23	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	2	1	1	1	1	1	3	3	3	6	6	6	6	6	6	6	6	6	6	6	7
25	7	7	8	9	9	10	10	10	10	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	10
26	6	0	7	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	7
27	5	5	5	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	6
28	0	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
29	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
30	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8
31	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8
AV	2	2	3	3	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10
SD	3	2	3	2	3	3	3	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	1

SITE 6

CARBON MONOXIDE [CC107]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[PC]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4	[CA]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	[PC]	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1
16	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
17	.4	.4	.4	.4	.4	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
18	.7	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
19	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
20	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
21	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
22	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
23	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
24	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
25	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
26	.6	.6	.6	.6	.6	.6	.6	.6	.6	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
27	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
28	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
29	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
30	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
31	.6	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
AV	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
SD	.3	.3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2

CARBON MONOXIDE (CC:07)

MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANNAN, UTAH
SITE 6

MAR, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	.3	.3	.2	.2	.1	.1	.1	.1	.1	.0	.0	[ZS]	.0	.0	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.1	.3	
2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	[CA]	.2	.1	.0	.0	.0	.1	.3	.4	.5	.5	.4	.4	.4	.2	.5
3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.2	.1	.3
4	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.0	.1	.1
5	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	[PC]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1
12	.0	.0	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.2	.2	.0	.3
14	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.1	.1	.2	.2	.2	.2	.1	.2	.2
15	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.2	.2	.1	.1	.2
16	.1	.1	.1	.1	.1	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.2	.3	.2	.2	.1	.1	.3
17	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.2
18	.1	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.4	.5	.4	.3	.1	.1	.5
19	.3	.2	.2	.1	.1	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.0	.1	.3	
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.2	.2	.2	.0	.2
22	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.3	.3	.3	.1	.3
23	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.4	.1	.3
24	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.4	.4	.1	.4	.4
25	.4	.4	.3	.3	.2	.2	.1	.2	.1	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.4	.5	.5	.2	.5	.5
26	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	[PC]	.1	.1	.2	.3	.3	.3	.3	.3	.5	.6	.7	.6	.6	.3	.6	.6
27	.6	.6	.5	.5	.4	.4	.4	.4	.4	.4	.3	.2	.1	.2	.2	.3	.3	.3	.5	.6	.7	.7	.7	.7	.4	.7	.7
28	.6	.6	.5	.5	.5	.5	.4	.4	.4	.4	.3	.2	.2	.2	.3	.3	.3	.3	.5	.6	.6	.6	.6	.6	.4	.6	.6
29	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	[ZS]	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
30	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
31	.2	.2	.2	.2	.1	.1	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.4	.1	.4	.4
AV	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.0	.0	.0	.0	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.1	.7
SD	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2

CARBON DIOXIDE (CC107)
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

APR, 1982

HEROVIROINMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	.3	.3	.3	.3	.3	.3	.3	.3	.3	.2	.1	.1	.0	.0	.0	.0	.1	.3	.4	.4	.4	.5	.5	.5	.3	.5	
2	.6	.5	.5	.5	.4	.4	.3	.3	.2	.1	[CA]	.0	.0	.0	.0	.0	.0	.0	.1	.2	.3	.4	.4	.3	.2	.6	
3	.3	.3	.3	.2	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.2	.2	.4	.5	.6	.6	.6	.2	.6	
4	.6	.6	.5	.5	.5	.5	.5	.5	.4	.3	.2	.0	.1	.2	.3	.5	.5	.5	.7	.7	.7	.6	.5	.4	.4	.7	
5	.3	.3	.3	.2	.3	.3	.3	.2	.2	.1	.0	.0	.0	[ZS]	.1	.1	.2	.3	.4	.5	.6	.6	.6	.6	.3	.6	
6	.6	.6	.6	.5	.5	.5	.4	.4	.4	.3	.3	.2	.2	.2	.2	.3	.3	.3	.3	.5	.6	.6	.7	.7	.4	.6	
7	.7	.7	.7	.6	.6	.6	.6	.5	.5	.5	.4	.2	.2	.3	.4	.4	.4	.4	.5	.6	.6	.6	.6	.6	.5	.7	
8	.5	.5	.5	.4	.4	.4	.4	.3	.3	.2	.1	.1	.2	.2	.2	.3	.3	.4	.4	.5	.6	.6	.6	.6	.5	.7	
9	.6	.6	.5	.5	.5	.5	.5	.5	.4	.4	.2	.2	.2	.2	.2	.3	.4	.5	.6	.6	.6	.5	.6	.5	.4	.6	
10	.6	.6	.5	.5	.5	.5	.4	.4	.4	.3	.2	.2	.2	.2	.2	.3	.4	.6	.7	.7	.7	.8	.8	.8	.5	.8	
11	.7	.7	.7	.6	.6	.6	.6	.5	.4	.4	.4	.4	.5	.6	.6	.7	.7	.7	.8	.9	.9	.9	.9	.9	.9	.9	
12	.9	.8	.8	.8	.9	.9	.9	.9	.8	.7	.6	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.9	
13	1.0	1.0	.9	.9	.8	.8	.8	.7	.6	.5	.4	.4	.5	.6	.6	.7	.7	.7	.7	.7	.7	.7	.8	.8	.9	1.0	
14	.9	.9	.9	.8	.8	.8	.7	.7	.6	.5	.4	.4	[ZS]	.5	.6	.6	.6	.6	.6	.7	.7	.7	.8	.8	.9	.9	
15	.9	.9	.8	.7	.7	.7	.6	.6	.6	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.6	.6	.6	.6	.6	.6	.9	
16	.8	.7	.7	.6	.6	.5	.5	.4	.4	.3	.3	.2	[ZS]	.2	.3	.3	.4	.4	.5	.6	.6	.6	.6	.6	.5	.8	
17	.7	.6	.5	.4	.4	.4	.3	.0	.2	.2	.1	.1	.1	.1	.2	.4	.4	.5	.5	.6	.6	.7	.7	.8	.8	.9	
18	.8	.7	.7	.6	.6	.5	.5	.5	.4	.3	.3	.2	.2	.3	.4	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.9	
19	.7	.7	.6	.6	.5	.5	.5	.4	.3	.3	.2	.1	.2	.3	.4	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.9	
20	.5	.5	.5	.4	.4	.4	.3	.3	.3	.2	.2	.2	.5	[ZS]	.1	.2	.3	.4	.4	.5	.5	.5	.5	.5	.4	.5	
21	.5	.5	.5	.4	.4	.4	.4	.4	.3	.3	.2	.3	[SA]	.3	.3	.3	.3	.4	.4	.5	.6	.6	.6	.6	.5	.7	
22	.9	.8	.8	.7	.6	.6	.5	.5	.4	.4	.4	.3	.3	.3	.4	.4	.5	.6	.8	.9	1.0	1.1	1.2	1.2	.7	1.2	
23	1.2	1.1	1.1	1.0	1.0	.9	.9	.8	.8	.8	.8	[PC]	.7	.6	.6	.6	.7	.8	1.0	1.1	1.2	1.3	1.3	1.2	.9	1.3	
24	1.2	1.2	1.2	1.2	1.1	1.1	1.0	1.0	.9	.8	.7	.8	.9	.9	.8	.8	.8	.8	.8	1.0	1.0	1.0	1.0	1.0	1.0	1.2	
25	.9	.9	1.0	1.0	1.0	.9	.9	.8	.7	.6	.5	.6	.6	.7	.8	.8	.8	.9	.9	.9	.9	1.0	1.0	1.0	.8	1.0	
26	1.0	1.0	1.0	1.0	.9	.9	.9	.8	.8	.7	.7	.7	.7	.7	.7	.8	.9	.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	1.0	
27	1.0	.9	.9	.9	.9	.9	.9	.8	.8	.8	.7	.7	.7	.7	.7	.7	.8	.8	.8	.8	.8	.8	.8	.8	.8	1.0	
28	.9	.9	.9	.8	.8	.8	.7	.6	.6	.5	.4	.4	.5	[ZS]	.6	.7	.7	.7	.7	.7	.7	.8	.8	.8	.7	.9	
29	.6	.8	.7	.7	.7	.7	.7	.7	.8	.7	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7	.8
30	.7	.7	.7	.6	.6	.6	.6	.5	.4	.3	.3	.3	.3	.4	.4	.4	.5	.5	.5	.5	.5	.6	.6	.6	.6	.7	.8
4V	.2	.7	.7	.6	.6	.6	.6	.5	.4	.4	.4	.3	.3	.4	.4	.4	.5	.5	.6	.7	.7	.8	.8	.8	.6	1.3	
5D	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	1.1

CARBON MONOXIDE (CC:07)
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1982
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
2	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
6	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.5	.5	.4	.5	.4	.5	.4	.3	.2	.1	.1	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.4	.4	.3	.5
12	.5	.4	.4	.3	.3	.3	.3	.3	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.3
13	.3	.3	.3	.3	.3	.3	.3	.3	.2	.1	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.2	.1	.0	.2
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.7	.0	.1	.1	.1	.2	.2	.1	.1	.1	.1	.1	[ZS]	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.1
27	.8	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.1	.8
28	1.2	.2	.2	.3	.3	.3	.3	.3	.3	.0	.0	[PC]	.0	.0	.0	.0	.0	.0	.0	.1	.1	.2	.3	.2	1.2	
29	.9	.3	.2	.2	.2	.2	.2	.2	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.9
30	.6	.4	.4	.4	.6	.6	.6	.5	.4	.3	.3	.3	.4	.6	.2	.6	.6	.6	.6	.6	.6	.6	.7	.7	.5	.7
31	.7	.7	.6	.6	.5	.5	.4	.3	.2	.2	.2	[ZS]	.3	.2	.2	.3	.3	.3	.3	.3	.3	.4	.5	.5	.6	.4
AV	.2	.1	.1	.1	.1	.1	.1	.1	.1	.0	.0	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.2
SD	.4	.2	.2	.2	.2	.2	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2

CARBON MONOXIDE [CC:07]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982
AERODIVINMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PERK
1	1.2	.6	.6	.6	.6	.6	.6	.6	.5	.3	.2	.3	.3	.3	.4	.5	.5	.5	.5	.5	.0	.5	.6	.6	.5	1.2
2	1.0	.7	.7	.7	.7	.6	.6	.6	.4	.2	.2	.2	.3	.4	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	1.0
3	.8	.6	.6	.6	.6	.6	.6	.6	.6	.4	.3	.2	.3	.2	.4	.4	.4	.4	.4	.4	.4	.5	.5	.5	.5	.8
4	.8	.6	.6	.6	.6	.6	.6	.5	.3	.2	.1	.3	.3	.3	.3	.3	.4	.4	.4	.4	.4	.4	.5	.5	.4	.8
5	.5	.6	.6	.6	.5	.5	.6	.5	.4	.3	.3	.3	.3	.3	.3	.3	.4	.5	.6	.6	.6	.7	.8	.8	.5	.8
6	1.7	.7	.6	.6	.6	.5	.4	.3	.2	.1	.1	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.5	.6	.6	.5	1.7
7	1.3	.6	.6	.6	.6	.6	.5	.4	.3	.2	.2	.2	.3	.4	.4	.4	.4	.5	.7	.8	.8	.8	.8	.7	.5	1.3
8	1.3	.5	.0	.5	.4	.4	.4	.4	.2	.2	.0	.6	.0	.0	.1	.1	.1	.2	.2	.2	.2	.3	.3	.4	.3	1.3
9	.5	.0	.5	.5	.6	.4	.5	.4	.2	.2	.1	.1	.4	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[]	.6
10	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[]	.6
11	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[INI]	[]	.5
12	.5	.5	.5	.5	.6	.6	.6	.6	.5	.6	.6	.6	.6	.6	.6	.6	.6	.5	.5	.5	.6	.6	.5	.5	.6	.6
13	1.1	.5	.6	.6	.6	.6	.6	.7	.6	.0	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.7	.8	.7	.6	1.1	
14	1.0	.6	.5	.4	.3	.3	.3	.3	.4	.7	.2	.1	.2	.5	.6	.7	.7	.7	.7	.7	.7	.8	.8	.8	.5	1.0
15	1.3	.8	.8	.8	.8	.8	.8	.8	.7	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	1.3
16	1.3	.8	.8	.8	.8	.8	.9	.8	.7	.6	.6	.6	.6	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	1.3
17	.7	.8	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6	1.2	.7	.4	.3	.4	.5	.4	.4	.4	.4	1.2
18	.4	.4	.5	.6	.6	.5	.6	.6	.6	.5	.4	.4	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.4	.6
19	.7	.3	.5	.5	.5	.5	.5	.4	.3	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.2	.3	.3	.3	.3	.3	.4
20	.7	.3	.3	.3	.3	.3	.3	.2	.1	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.2	.2	.2	.2	.7
21	.7	.1	.1	.2	.2	.2	.3	.2	.2	.2	.3	.2	.2	.1	.2	.2	.1	.1	.1	.1	.1	.2	.2	.2	.2	.7
22	.4	.7	.3	.2	.3	.3	.2	.2	.3	.2	.2	[CA]	.2	.2	.1	.2	.1	.2	.1	.2	.2	.3	.4	.4	.2	.7
23	.9	.1	.1	.1	.1	.2	.2	.1	.0	.0	.0	[PC]	.0	.0	.0	.0	.0	.1	.2	.1	.2	.1	.1	.1	.5	
24	.8	.2	.2	.2	.2	.2	.1	.1	.1	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.1	.1	.1	.1	.1	.8	
25	.4	.1	.1	.1	.1	.1	.1	.1	.0	.1	.2	[ZS]	.4	.4	.0	.1	.1	.1	.1	.2	.2	.0	.1	.4	.3	.2
26	.3	.2	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.0	.0	.0	.2	.0	.0	.3
27	.2	.1	.1	.1	.3	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.1	.0	.0	.1	.4
28	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
29	.4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.4
30	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
AV	.6	.4	.4	.4	.4	.4	.4	.4	.3	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.3	.3	.4	.3
SD	.4	.3	.3	.3	.3	.2	.3	.3	.2	.2	.2	.2	.2	.2	.2	.2	.3	.3	.2	.2	.3	.3	.3	.3	.4	.3

CARBON MONOXIDE [CC:07]
MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHARZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.3	.3	.3	.3	.3	.3	.1	.3
2	.2	.2	.3	.3	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.5	.6	.5	.4	.4	.4	.4	.2	.6
3	.3	.3	.4	.4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.4	.4	.4	.5	.5
4	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
7	.6	.6	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.6
8	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
9	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1
10	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
11	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
12	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0
13	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
14	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
15	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
16	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
17	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2	.2
18	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4	.4
19	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
20	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5
21	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
22	.4	.4	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3
23	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7
24	.9	1.0	.8	.7	.4	.3	.3	.4	.4	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	1.0
25	.6	.6	.4	.3	.3	.3	.3	.4	.4	.5	.5	.5	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.7
26	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8
27	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.7	.8
28	.5	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.8	.9
29	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9
30	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	.9	1.0
31	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6
AV	.9	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6	.6
SD	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3	.3

CARBON MONOXIDE [CC107]

MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

SEP, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	1.2	1.2	1.1	1.1	1.1	1.2	
2	1.1	1.1	1.2	1.2	1.1	1.2	1.2	1.2	1.2	1.1	1.1	1.1	1.1	1.1	1.1	1.1	1.2	1.2	1.2	1.2	1.3	1.3	1.2	1.2	1.2	1.3	
3	1.2	1.3	1.2	1.3	1.3	1.3	1.3	1.3	1.3	1.2	1.2	1.3	1.3	1.3	1.3	1.4	1.4	1.4	1.4	1.5	1.5	1.6	1.5	1.5	1.4	1.6	
4	1.5	1.5	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.6	1.7	1.8	1.8	1.8	1.9	1.9	1.8	1.8	1.9	1.8	1.7	1.9		
5	1.7	1.7	1.7	1.8	1.8	1.9	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.0	2.0	2.0	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.0	2.1	
6	2.1	2.1	2.2	2.3	2.3	2.2	2.1	2.1	2.1	2.0	1.9	[ZS]	2.0	1.9	1.9	1.9	2.0	2.0	2.0	2.1	2.1	2.1	2.1	2.1	2.1	2.3	
7	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.1	2.0	2.1	2.0	2.0	1.0	1.1	1.0	1.0	1.1	1.0	1.3	1.4	1.2	1.1	1.1	1.1	1.1	1.2	
8	6	6	7	8	9	9	9	9	9	9	1.0	1.2	1.0	1.1	1.1	1.1	1.1	1.0	1.1	1.2	1.0	1.1	1.2	1.1	1.2	1.2	
9	1.0	1.0	1.1	1.1	1.2	1.4	1.2	1.0	1.0	1.1	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.4	
10	1.7	1.2	1.6	1.7	1.7	1.6	1.7	1.6	1.6	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	1.5	
11	1.9	1.9	1.8	1.9	1.8	1.0	1.1	1.7	1.2	1.2	1.3	1.0	1.1	1.2	1.2	1.0	1.0	1.0	1.0	1.1	1.0	1.1	1.0	1.1	1.0	1.7	
12	1.2	1.2	1.1	1.0	1.0	1.1	1.1	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	1.0	1.0	1.0	1.1	1.3	1.1	1.3	1.3	1.0	1.3	
13	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	
14	6	7	6	3	3	2	3	6	9	6	5	[ZS]	4	4	3	5	6	7	6	5	6	5	6	7	5	9	
15	5	6	4	4	6	6	6	7	5	4	4	3	6	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	
16	1.9	1.8	1.8	1.9	1.8	1.4	1.5	1.3	1.6	1.4	1.3	1.1	1.3	1.1	1.3	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.1	
17	5	5	6	6	6	4	5	3	6	4	3	2	5	[PC]	3	5	3	2	5	5	6	5	5	6	4	6	
18	3	2	2	5	6	5	4	3	2	0	0	0	0	0	2	2	4	2	5	5	6	7	9	1.0	4	1.0	
19	6	6	6	6	8	6	3	5	5	2	1	3	4	6	6	6	3	3	3	5	5	7	8	1.1	5	1.1	
20	6	5	7	7	1.0	1.0	6	4	6	4	2	[ZS]	4	5	5	4	3	3	3	5	7	7	9	7	9	1.0	
21	8	9	7	6	7	9	5	5	3	2	3	3	5	4	6	6	5	6	7	8	9	8	9	9	9	6	9
22	7	7	5	4	6	8	9	4	3	[ZS]	9	9	6	9	1.6	6	4	0	2	3	5	6	7	6	7	1.9	
23	7	8	5	6	7	6	6	6	6	7	5	6	9	1.9	1.6	6	4	0	2	3	5	6	7	6	7	1.9	
24	8	7	7	6	4	5	6	4	4	3	2	3	4	6	7	6	4	3	6	8	8	1.0	8	9	6	1.0	
25	6	6	7	8	1.0	1.0	1.2	1.2	1.2	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.2	
26	1.0	1.0	1.0	1.1	1.2	1.1	1.0	1.1	1.0	1.1	1.0	1.1	1.4	1.2	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.4	1.6	
27	1.6	1.5	1.4	1.3	1.2	1.2	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.3	1.0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	1.6	
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	
AV	1.9	.9	1.0	1.0	1.0	1.0	1.0	1.0	.9	.9	.8	.7	.8	1.0	.9	.5	.8	.8	.9	1.0	1.0	1.0	1.1	1.1	.9	2.3	
SD	.5	.5	.5	.5	.5	.5	.5	.5	.5	.6	.6	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.5	.4	.5	

CARBON MONOXIDE [CC.07]

MILLIGRAMS PER CUBIC METER

WHITE RIVER SHALE PROJECT, #135
BONANZA, UTAH
SITE 6

OCT, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
2	.0	.0	.0	.0	.3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.3
3	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
4	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.2	.1	.1	.0	.1	.0	.2	.1	.0	.0	.2
5	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1
6	.0	.1	.0	.0	.6	.3	.6	.0	.0	.0	.0	.5	.2	1.0	1.9	.9	.7	.6	.7	.9	.8	.9	.8	1.0	.5	1.9
7	.8	.6	.5	.4	.6	.0	.1	.0	.0	.0	.0	.0	.1	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.1	.8
8	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
9	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
10	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
11	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
12	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
13	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
14	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
15	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
16	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
17	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
18	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
19	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
20	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
21	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
22	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
23	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
24	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
25	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
26	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
27	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
28	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
29	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
30	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
31	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0	.0
AV	.1	.1	.1	.0	.1	.1	.0	.1	.0	.0	.0	.0	.0	.0	.1	.2	.1	.1	.1	.1	.1	.1	.1	.1	.1	1.9
SD	.2	.2	.1	.1	.2	.2	.1	.2	.0	.0	.0	.0	.2	.1	.3	.6	.3	.2	.2	.2	.3	.3	.2	.3	.2	.2

NITRIC OXIDE [CC.108]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

FEB, 1982

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

CV	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
3	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
5	0	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	1	1	1	0	1	0	0	0	0	2	
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	1	0	0	0	1	
10	0	1	0	0	0	0	0	0	0	0	0	[ZS]	1	2	5	0	0	0	2	1	0	1	0	0	0	1	
11	0	1	0	0	0	0	0	0	0	0	0	[ZS]	0	1	0	1	0	1	1	0	1	0	1	0	0	2	
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	1	
13	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	2	
14	0	1	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	1	0	0	0	0	0	0	2	
15	1	2	1	1	1	1	1	1	1	1	1	0	2	2	3	3	3	3	2	2	2	2	2	1	2	3	
16	1	1	1	1	1	1	1	1	1	2	[ZS]	3	2	3	3	3	3	3	2	2	2	2	0	1	2	3	
17	3	1	1	2	1	0	0	2	3	3	4	[ZS]	3	3	3	2	4	1	1	0	2	0	0	0	2	4	
18	2	2	3	3	2	2	2	2	3	2	3	4	3	4	3	4	5	5	3	3	3	3	2	2	3	5	
19	2	2	3	3	3	0	2	3	3	3	3	4	4	6	5	4	6	5	6	4	4	3	3	2	3	5	
20	2	2	3	3	3	2	2	3	3	3	4	4	4	6	5	4	6	5	6	4	4	4	3	3	2	6	
21	3	1	3	2	2	2	2	3	3	5	4	[ZS]	3	3	4	4	4	4	5	3	2	2	2	3	3	5	
22	2	3	2	2	3	2	2	3	3	0	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	2	
23	1	1	1	0	0	1	0	2	0	1	1	1	0	1	1	0	0	0	0	0	0	0	0	0	0	1	
24	2	3	4	2	3	3	3	3	4	4	2	3	3	4	5	3	4	5	3	4	3	4	3	3	3	5	
25	3	4	4	4	3	3	4	4	4	4	2	4	3	4	5	5	3	4	4	3	4	3	3	3	4	5	
26	4	4	3	3	3	5	4	4	5	4	[PC]	10	4	5	6	6	5	5	4	4	4	3	4	4	4	5	
27	4	5	4	4	4	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	6	
28	6	6	6	6	6	6	6	4	7	6	7	7	6	7	7	7	7	7	7	7	7	7	7	7	7	6	
AV	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	1	
SD	2	2	2	2	2	2	2	2	2	2	3	3	2	2	2	2	2	2	2	2	2	2	2	2	2	2	10

NITRIC OXIDE [CC108]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

MAR, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	5	4	4	5	5	4	5	5	5	5 [ZS]	4	4	4	4	5	5	3	2	4	4	4	4	4	4	5
2	5	6	6	6	6	6	6	6	6	6	7	6	6	6	6	7	6	7	5	6	6	6	5	6	6	7
3	5	5	5	5	6	5	5	6	6	5	[CA]	6	6	6	6	6	7	7	5	6	6	6	6	6	6	7
4	5	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
5	5	6	6	6	6	6	6	6	6	6	6	5 [ZS]	5 [ZS]	4	4	6	6	6	6	6	6	6	6	6	6	7
6	5	4	3	3	4	4	4	4	4	4	[ZS]	4	5	3	3	4	4	4	5	4	4	5	5	5	4	5
7	5	5	6	6	6	6	6	6	6	6	6	7	7	7	7	7	6	8	6	6	6	6	6	6	6	8
8	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8	6	6	6	6	6	6	6	8
9	6	6	6	6	6	6	6	6	6	6	[ZS]	7	7	6	6	7	8	7	8	8	8	7	7	7	8	8
10	6	7	7	6	6	6	6	6	6	6	[PC]	6	7	6	6	7	7	9	7	7	7	7	7	7	7	8
11	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6	8
12	7	5	6	6	6	6	6	6	6	6	6	6	6	6	5	6	7	7	7	6	6	6	6	6	6	7
13	5	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5	5	4	4	4	4	4	4	5
14	6	6	6	6	6	6	6	6	6	6	6	7	7	6	6	6	7	7	7	7	7	7	7	7	7	7
15	6	7	7	6	7	5	7	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	7
16	5	6	6	6	6	7	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
17	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
18	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
19	5	4	4	3	3	3	4	4	4	4	[ZS]	5	4	5	4	3	3	5	5	5	4	4	4	4	4	5
20	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
21	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
22	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
23	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
24	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
25	5	5	5	5	6	4	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
26	8	8	7	7	7	7	6	7	7	7	[PC]	12	8	6	7	9	8	9	9	8	8	8	8	8	8	12
27	7	6	8	8	7	8	6	8	7	8	8	8	8	8	8	9	8	8	9	9	8	8	8	8	8	9
28	8	6	8	8	7	6	7	6	7	8	8	8	9	5	8	8	7	9	8	7	8	8	8	8	8	9
29	8	7	8	8	8	8	8	8	8	8	[ZS]	8	8	8	8	9	8	8	8	8	8	8	8	8	8	9
30	8	8	7	7	7	6	7	7	6	8	8	8	8	6	6	6	7	7	7	6	7	5	7	7	7	8
31	6	4	5	5	6	5	5	5	6	6	6	5 [CA]	6	6	6	4	6	6	4	5	5	4	4	3	5	6
HV	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	6	7	6	6	6	6	6	6	6	12
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	1	1	1	1	1	1

NITRIC OXIDE (CC108)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6
 APR, 1982
 AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	9	10	9	9	10	9	9	8	10	9	10	9	9	9	8	9	9	12	9	9	10	9	10	9	9	9	12
2	8	9	9	9	10	9	9	10	9	9	9	9	9	9	9	9	7	9	9	9	10	10	9	9	9	9	10
3	8	9	9	8	9	9	9	10	10	10	9	9	9	9	9	9	9	9	8	10	9	10	9	9	9	9	10
4	9	9	8	8	9	9	9	9	9	9	8	8	8	10	10	9	9	9	9	8	8	8	8	8	10	9	10
5	9	8	9	8	9	9	9	9	9	9	9	9	7	[ZS]	9	9	10	9	10	9	9	9	9	9	9	9	10
6	8	7	7	7	7	8	8	8	7	8	8	7	9	8	7	5	8	9	10	10	9	8	9	8	8	8	10
7	10	9	9	10	10	9	10	9	9	9	9	9	10	10	8	10	9	9	9	8	9	8	8	8	8	9	10
8	9	8	9	9	9	8	9	10	9	9	10	9	9	7	9	8	9	8	8	9	9	9	9	9	9	9	10
9	8	8	8	9	8	9	9	9	9	7	9	13	9	9	8	10	11	9	9	9	9	9	9	9	9	9	13
10	10	9	9	9	9	9	9	8	9	9	9	9	9	9	8	9	9	9	8	9	9	9	9	9	9	9	10
11	9	9	9	9	9	9	9	9	10	8	11	9	9	9	7	9	9	9	8	8	8	8	7	7	7	9	11
12	9	8	9	8	8	9	7	8	8	8	8	9	7	8	10	7	8	9	9	9	9	8	8	8	8	9	10
13	9	8	8	7	8	9	8	9	10	8	8	8	8	9	8	8	8	10	9	10	9	9	8	7	9	7	10
14	9	9	8	7	8	9	8	8	6	9	8	8	8	[ZS]	8	8	7	8	9	9	9	8	9	9	9	8	10
15	8	9	8	9	8	8	9	8	8	8	8	8	8	8	8	7	8	7	7	10	9	7	8	7	8	8	9
16	8	8	9	7	8	8	8	8	8	8	8	9	8	[ZS]	8	8	8	9	7	10	9	8	8	7	8	8	10
17	8	8	7	8	7	8	8	8	8	8	6	7	9	9	8	7	9	9	8	9	10	9	9	9	9	8	10
18	9	8	8	7	7	7	8	8	8	8	8	8	8	6	8	8	8	7	8	7	7	7	8	8	8	8	9
19	7	8	8	8	8	8	8	8	8	8	8	8	8	8	9	7	7	8	8	8	7	7	8	7	8	8	9
20	7	8	8	8	8	8	8	8	8	8	8	7	8	8	7	7	7	8	7	7	7	7	8	8	8	8	12
21	7	7	9	8	7	8	8	8	8	7	9	7	6	8	9	9	8	8	8	8	7	8	8	9	9	8	9
22	9	8	7	8	8	8	8	8	8	8	8	8	8	8	8	7	8	7	8	8	8	8	8	8	8	8	10
23	9	7	6	8	8	7	7	8	7	8	8	8	8	[PC]	9	11	10	10	7	9	9	8	8	8	8	8	10
24	7	10	9	7	7	7	7	7	7	7	7	7	6	7	6	8	9	7	9	7	9	7	7	7	7	8	10
25	8	8	6	7	7	7	7	7	7	7	7	7	5	8	7	7	7	8	8	8	8	8	8	8	7	7	9
26	7	7	8	7	7	7	6	8	7	7	7	7	6	6	8	7	7	8	8	8	7	6	7	6	7	7	9
27	6	8	8	8	7	8	7	7	8	8	8	7	6	8	9	6	8	8	9	7	7	8	7	7	7	7	9
28	8	8	6	8	7	7	7	7	7	6	6	7	6	7	6	6	7	7	7	9	6	7	6	7	7	7	9
29	7	7	7	7	7	5	7	7	7	7	6	6	8	9	7	9	8	7	7	7	7	7	6	7	7	7	9
30	7	8	7	6	7	8	7	8	7	8	7	8	6	8	8	6	7	7	7	7	7	7	6	7	6	7	8
AV	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9	8	8	8	8	8	8	8	13
SU	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NITRIC OXIDE [CC108]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

MAY, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

CV	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK		
1	0	0	0	0	0	0	0	0	0	0	0	1	0	1	2	0	2	1	0	0	0	0	1	0	0	0	2	
2	0	0	0	0	0	0	0	0	0	0	1	2	1	2	3	2	2	2	2	0	0	0	0	1	3	1	3	
3	3	1	0	0	1	1	1	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	
4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	
5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	
6	0	0	0	1	2	1	2	3	2	0	0	4	3	2	2	0	3	2	4	0	0	0	0	0	0	1	4	
7	0	0	0	0	0	0	0	0	0	0	1	2	2	0	0	0	0	1	1	0	0	2	3	4	4	1	4	
8	0	0	0	0	0	0	0	0	0	0	1	1	4	3	6	0	0	0	0	0	0	0	0	0	0	0	1	6
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
10	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	1
11	9	6	7	7	7	6	7	8	8	7	6	8	7	11	6	6	5	6	7	7	7	6	7	7	7	7	7	11
12	8	7	7	7	6	6	6	6	8	9	7	6	6	6	6	6	5	6	6	6	6	6	6	6	6	6	6	9
13	6	7	6	6	6	6	8	8	7	6	5	6	6	7	6	7	7	7	7	8	7	7	6	6	7	6	7	8
14	7	6	6	6	6	7	8	7	6	6	8	7	7	7	7	6	7	7	7	6	7	6	7	5	6	7	7	8
15	7	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
16	5	6	6	7	6	6	7	7	7	7	5	6	6	6	5	6	7	6	6	6	6	6	6	6	6	6	6	7
17	0	1	1	0	2	5	5	4	3	3	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	5
18	1	1	4	0	0	0	0	0	0	0	0	1	0	3	0	0	0	0	0	0	0	0	0	0	0	0	4	4
19	0	0	0	0	0	0	0	0	0	0	0	0	0	4	4	4	4	5	4	4	4	3	3	3	3	2	5	
20	4	4	4	3	4	3	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	3	4	4	4	4	5
21	5	3	4	3	4	4	4	3	4	4	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2	5
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
26	5	4	5	4	4	5	4	4	5	5	[CA]	[CA]	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	
27	6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
28	7	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
29	5	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
30	6	3	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
31	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
AV	3	2	2	2	2	2	3	3	3	3	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	
SD	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	

NITRIC OXIDE [CC.09]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 6

JUL, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	3	0	1	1	1	0	1	1	1	0	1	1	0	1	1	0	1	2	0	0	1	3	4	0	1	4
2	3	0	1	0	0	0	1	1	0	0	0	0	1	1	1	0	0	1	1	0	0	1	0	0	0	3
3	0	1	1	0	0	0	0	1	1	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1
4	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
6	2	0	0	0	0	0	0	0	1	1	1	0	1	4	25	7	1	2	1	1	1	0	1	0	1	25
7	2	1	0	1	1	0	0	4	3	3	4	3	2	0	1	1	0	1	0	0	0	0	0	0	0	4
8	4	1	0	0	1	1	1	1	1	1	1	0	0	0	0	0	0	0	0	0	1	0	0	0	1	4
9	0	0	0	0	0	0	0	0	0	0	1	1	2	1	2	1	0	0	1	1	1	0	0	0	0	2
10	0	1	0	0	1	0	0	1	1	1	1	0	1	1	2	1	1	1	1	4	0	1	1	0	1	4
11	0	1	0	0	0	0	0	1	1	1	1	0	0	0	1	1	0	0	1	1	0	0	1	1	0	1
12	3	0	0	0	0	1	1	1	2	2	1	0	1	2	2	0	0	9	0	0	0	0	0	0	0	9
13	0	1	0	0	0	10	3	1	1	4	4	4	4	4	4	2	4	2	2	3	1	2	2	1	2	10
14	4	1	1	1	1	1	1	1	5	17	12	1	1	2	1	1	0	0	0	31	3	1	1	0	4	31
15	2	1	0	1	1	0	0	1	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	8	4	1	0	0	1	11	2	11
16	2	1	0	0	0	0	0	8	5	9	11	15	2	2	0	0	0	0	0	0	0	0	0	0	0	15
17	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
18	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	[FF]	0	0	0	0	0	0	0	[CA]	0	0	1	1	1	1	1	1	11	1	0	0	0	0	0	0
21	2	1	1	1	0	0	0	0	[ZS]	1	2	1	0	0	1	1	0	2	1	1	0	0	0	0	0	1
22	2	0	0	0	0	0	0	1	4	2	2	0	[PC]	2	2	1	1	1	0	1	0	0	0	0	1	4
23	1	1	0	0	1	0	1	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	3	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
25	2	0	0	0	0	0	1	0	0	1	1	0	0	0	0	0	1	1	0	2	0	0	0	0	0	2
26	1	0	1	0	0	0	1	1	1	1	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1
27	2	1	0	0	1	1	0	1	1	1	1	0	0	1	1	1	0	0	1	1	0	0	0	0	1	2
28	3	1	0	0	0	0	1	1	5	2	2	0	1	0	2	0	0	0	0	0	0	0	0	0	0	5
29	1	0	1	0	0	0	0	0	4	0	[ZS]	2	1	2	12	1	0	1	2	0	0	0	0	0	0	12
30	4	0	1	0	1	1	2	10	4	1	2	2	2	0	1	1	1	1	0	0	0	0	0	0	1	10
31	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	1	1	1	1	1	1	1	1	0	1
AV	2	0	0	0	0	0	1	1	1	2	2	1	1	1	2	1	1	1	2	1	0	1	0	1	1	31
SD	1	1	0	0	0	0	2	2	2	4	3	3	1	1	5	1	1	1	2	6	1	1	1	2	2	[]

NITRIC OXIDE [CC:06]
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	0	1	0	1	0	1	1	1
2	0	0	0	0	0	0	0	1	2	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
3	0	0	0	0	1	1	1	1	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
4	0	0	0	0	1	1	0	2	1	1	2	1	2	0	2	2	2	1	1	1	1	0	0	0	1	2
5	1	1	0	1	0	0	1	0	2	2	3	1	1	1	1	1	1	2	2	1	1	0	0	1	1	3
6	1	0	0	0	1	1	1	1	1	1	1	[EPC]	1	1	1	1	1	1	1	1	1	0	1	0	1	1
7	1	1	1	1	1	1	0	1	1	1	1	1	1	1	0	0	0	0	1	1	1	1	1	1	1	1
8	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1	1	1	0	0	1	1	0	1	1	1	1
9	1	1	1	1	1	1	1	2	3	2	2	3	2	3	1	3	1	1	0	1	1	0	1	1	1	3
10	1	0	0	0	1	1	1	2	2	[CA]	[CA]	2	1	1	1	2	0	1	1	0	1	0	1	0	1	2
11	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	3	1	1	1	1	1	1	0	1	1	3
12	1	1	1	1	1	1	1	1	1	[ZS]	1	1	1	1	2	1	1	1	1	1	1	1	1	1	1	2
13	1	1	1	1	1	1	1	1	1	1	1	[ZS]	1	1	1	0	1	1	1	1	1	1	1	1	1	1
14	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	0	1	1	1	1	1	1	1
15	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
16	1	1	0	0	1	1	1	1	1	1	1	0	1	1	1	1	1	0	0	0	1	0	0	0	1	1
17	1	1	1	1	1	1	1	1	1	2	1	[ZS]	1	1	1	1	1	1	0	1	1	1	1	1	1	2
18	1	0	0	0	0	1	1	0	1	1	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1
19	0	0	0	0	0	1	0	0	1	[ZS]	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1
20	0	0	0	0	0	0	0	0	0	0	0	[EPC]	0	1	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	0	0
23	0	0	1	0	0	0	0	1	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	1
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	1	0	0	0	0	0	1	1	1	1	0	0	0	0	0	0	0	1
AV	1	0	0	0	0	1	0	1	1	1	1	1	1	1	1	1	1	1	0	0	0	0	0	0	0	1
SD	1	0	0	0	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1

NITRIC OXIDE [CC108]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

SEP, 1982

AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	2	0	0	0	0	0	0	0	3	0	1	1	0	1	1	9	3	1	0	0	0	0	0	0	0	1	9
2	1	0	0	0	0	0	0	0	3	[CA]	1	0	1	1	1	1	1	1	0	0	0	0	0	0	0	0	3
3	1	0	0	0	0	1	0	0	0	1	1	1	1	1	0	0	0	0	0	0	0	0	0	0	0	0	1
4	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
5	1	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	1	0	0	0	0	0	0	0	1	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	1	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	11
SO	1	0	0	0	0	0	0	0	1	1	1	0	2	0	0	2	1	0	0	0	0	0	0	0	0	0	1

NITRIC OXIDE [CC1.08]
MICROGRAMS-CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BURNANZA, UTAH
SITE 6

OCT, 1982

AEROGVIROHMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SD	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

NITROGEN DIOXIDE [CC109]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

FEB, 1982

AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	1	0	1	1	1	0	2	1	0	2	0	3	2	2	2	1	3	5	1	2	1	0	2	1	5
2	1	0	0	1	2	3	4	8	11	4	1	1	1	1	1	0	2	0	1	2	0	0	0	0	2	11
3	0	1	2	2	1	1	0	2	1	1	2	2	(ZS)	3	4	4	3	3	2	4	9	10	10	8	3	10
4	4	2	0	0	0	1	6	6	5	6	8	2	4	5	4	3	4	3	3	2	0	0	0	0	3	8
5	1	1	3	2	1	4	2	2	4	3	5	3	4	(ZS)	1	2	2	2	3	2	3	2	2	5	3	5
6	6	5	5	4	5	6	6	5	6	12	11	6	6	5	5	5	5	5	6	5	5	5	5	5	6	12
7	10	12	14	9	10	8	6	9	10	14	11	6	8	7	7	6	8	7	8	8	7	7	6	6	9	14
8	7	7	7	6	7	8	8	9	10	9	8	(ZS)	7	8	8	9	9	7	8	6	6	7	6	6	7	10
9	7	7	8	7	8	9	7	10	10	11	14	14	7	6	6	6	7	8	8	10	10	10	11	9	9	14
10	12	8	8	7	7	9	10	10	8	9	9	8	(ZS)	9	7	0	8	8	8	7	8	8	15	21	9	21
11	15	14	15	14	17	16	15	19	20	18	(PF)	11	10	11	11	13	13	11	10	9	9	12	16	19	14	20
12	18	14	12	17	16	14	14	12	16	19	12	(ZS)	10	11	11	15	12	12	15	13	12	11	13	15	14	19
13	16	15	14	17	15	15	15	16	16	16	10	9	8	11	10	13	11	12	11	11	10	13	9	12	13	17
14	11	11	13	15	13	14	16	12	16	16	12	11	14	13	12	10	15	14	15	14	12	11	13	10	13	16
15	12	12	11	11	11	11	10	10	10	14	12	15	9	11	12	13	15	17	14	15	12	12	13	13	12	17
16	14	13	12	13	13	16	11	17	14	15	(ZS)	14	14	11	14	14	17	13	13	13	13	11	17	17	14	17
17	12	21	17	19	20	24	24	21	20	19	17	16	(ZS)	17	16	17	12	17	16	16	16	16	16	16	18	24
18	14	16	17	23	17	16	16	16	18	16	16	14	15	13	16	16	13	16	14	12	13	15	13	16	15	23
19	19	21	17	16	19	16	19	17	19	16	(ZS)	17	18	17	17	16	14	14	19	17	13	17	17	15	17	21
20	15	17	16	19	15	15	23	31	21	18	14	14	18	15	15	18	15	16	17	15	14	16	15	16	17	31
21	16	17	14	16	15	15	15	14	16	16	14	16	16	16	20	18	19	19	16	17	15	16	17	16	16	20
22	17	16	18	18	19	21	22	20	21	18	22	(ZS)	19	16	16	16	16	17	13	16	16	19	18	17	18	22
23	19	19	19	18	18	18	22	16	15	17	17	16	17	18	18	17	17	16	17	16	16	19	15	17	17	22
24	20	23	26	20	16	16	14	13	15	19	18	14	(ZS)	15	19	15	13	16	13	15	14	15	16	22	17	27
25	24	23	22	20	19	16	15	15	14	17	19	13	15	17	16	15	18	17	18	16	18	15	17	18	17	24
26	15	18	17	16	13	18	25	19	20	19	20	18	17	16	17	15	16	16	16	16	15	17	17	16	17	25
27	16	13	16	15	15	8	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	8	8	8	9	16
28	6	8	8	8	8	8	8	9	8	8	8	8	8	8	8	7	8	8	8	8	8	8	7	9	8	9
AV	12	7	12	12	12	12	12	13	13	13	11	10	11	11	11	11	11	11	11	10	10	11	11	12	11	31
SD	7	7	7	7	6	6	7	7	6	6	6	5	5	5	6	6	5	6	6	5	5	5	6	6	6	6

NITROGEN DIOXIDE ICC:091
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 6

MAR, 1982

AEROSOL ENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	10	10	10	11	11	11	11	10	11	10	11	[ZS]	20	19	19	18	16	19	20	17	15	17	16	15	14	20
2	16	15	16	15	14	14	14	17	14	15	13	14	14	14	17	12	16	15	16	15	15	14	15	15	15	17
3	10	8	13	13	10	12	13	12	9	6	[CA]	[CA]	15	16	17	16	16	15	19	14	11	8	11	12	13	19
4	12	15	13	14	13	14	13	12	12	13	15	16	18	14	12	14	13	13	18	16	16	17	14	14	14	18
5	13	13	13	12	12	11	13	11	11	11	14	19	[ZS]	17	15	13	15	11	13	16	15	13	13	11	13	19
6	13	14	14	13	13	14	14	14	11	13	13	15	14	14	12	12	15	13	15	13	13	13	11	13	15	19
7	14	13	14	16	14	13	13	13	14	15	[ZS]	19	14	13	16	15	16	18	18	16	16	12	12	13	15	19
8	15	15	12	12	13	13	12	11	14	20	14	14	10	14	12	12	13	12	14	11	12	11	10	11	13	20
9	12	13	11	14	13	14	12	11	14	20	14	14	10	14	12	13	12	13	14	10	12	9	11	11	13	20
10	11	13	10	12	14	14	13	13	15	26	[ZS]	10	10	11	13	10	9	10	10	9	8	10	12	11	12	26
11	11	11	11	13	17	15	12	21	[PC]	11	10	11	10	11	12	10	8	8	9	12	10	9	9	11	21	
12	9	13	11	11	11	14	15	19	15	23	18	12	9	11	12	10	8	8	9	10	10	11	14	12	23	
13	9	11	10	10	9	10	8	11	12	12	18	12	9	14	13	12	10	12	14	13	13	10	11	13	12	18
14	11	9	9	7	6	7	5	8	8	10	15	8	8	7	10	9	7	7	13	7	9	8	8	9	15	15
15	9	8	9	12	14	16	20	21	20	10	6	8	8	8	5	6	8	8	5	7	9	9	9	12	11	21
16	16	12	8	7	7	5	6	6	7	11	10	[ZS]	7	5	7	6	4	5	7	5	6	7	7	7	7	16
17	5	7	7	5	7	6	5	4	6	8	7	6	5	7	5	8	7	8	8	5	6	6	7	7	7	16
18	5	7	7	9	7	6	6	6	7	7	[ZS]	10	7	4	7	9	7	8	8	7	5	7	6	5	6	9
19	7	4	3	4	1	3	4	2	4	5	5	7	8	4	3	3	2	3	3	4	5	3	3	3	4	8
20	3	3	4	2	2	3	4	1	1	4	3	5	6	4	6	7	3	3	3	3	5	6	6	2	4	8
21	3	3	4	2	2	1	4	2	4	5	[ZS]	9	6	4	3	2	1	2	2	4	5	5	6	2	4	7
22	1	1	3	2	2	1	4	2	4	5	[ZS]	9	6	4	3	2	1	2	2	4	2	5	4	4	4	7
23	2	2	0	0	0	1	1	0	2	1	2	4	6	5	4	3	3	3	3	2	4	2	1	2	2	6
24	0	1	1	1	1	2	1	1	1	1	1	5	2	2	4	4	4	4	6	4	9	3	3	1	3	9
25	1	2	6	5	2	4	3	3	0	4	2	4	3	3	2	5	1	4	6	3	0	3	3	2	3	6
26	0	0	0	2	2	2	2	3	2	[PC]	0	0	3	1	0	2	1	2	1	2	1	1	1	1	1	4
27	0	4	1	0	2	0	1	0	1	0	0	1	6	0	2	0	2	3	0	0	1	0	2	0	1	6
28	1	2	1	0	0	0	0	2	0	0	0	0	0	6	2	1	3	1	2	2	0	0	0	1	1	6
29	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1
31	0	1	0	0	0	0	0	1	0	0	0	0	0	0	0	0	2	0	2	0	0	0	0	0	0	2
AV	7	8	7	8	6	7	8	6	8	9	8	8	8	8	8	8	7	8	8	8	8	7	7	7	8	26
SD	6	5	5	6	6	6	6	6	6	7	6	5	5	5	6	5	5	6	6	5	6	5	5	5	6	1

NITROGEN DIOXIDE (CC109)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

APR, 1982

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

DY	CLOCK HOUR [LOCAL STANDARD TIME]																								AVE	PEAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23		
1	4	4	5	4	3	5	6	2	4	4	4	4	5	4	4	4	4	1	4	3	2	4	4	4	6	
2	7	6	3	4	2	4	2	4	4	4	4	3	5	4	4	5	5	5	5	6	3	3	3	4	4	7
3	6	2	3	4	2	3	3	5	2	6	6	5	7	7	5	5	5	5	5	5	5	5	6	5	5	7
4	5	4	5	6	4	3	4	4	3	3	7	7	2	5	3	3	3	6	6	5	4	4	4	4	4	7
5	5	6	4	3	4	4	4	4	4	2	7	5	6	6	6	9	6	4	4	2	6	6	6	4	4	7
6	4	5	5	5	6	5	4	6	4	5	4	6	2	6	9	6	6	4	4	4	6	4	4	5	5	9
7	3	5	6	4	3	4	3	4	5	4	2	4	2	5	2	5	2	5	5	5	4	4	4	5	4	6
8	4	6	5	3	4	5	4	4	4	4	4	7	4	4	2	2	2	4	6	4	6	6	4	5	7	7
9	8	6	6	5	5	3	5	6	6	5	5	4	3	6	2	2	2	4	6	3	6	4	3	5	5	8
10	3	5	5	5	5	3	7	6	4	4	6	4	7	7	5	6	6	5	6	5	4	7	7	5	5	7
11	3	2	3	4	6	3	5	6	3	6	5	7	6	8	7	7	7	5	6	6	7	5	6	4	3	8
12	4	6	2	7	5	4	6	7	5	5	8	6	6	7	3	7	7	7	4	6	8	7	5	6	5	7
13	8	8	7	8	6	6	4	4	4	7	7	5	6	7	8	7	8	2	5	5	5	7	7	8	4	8
14	3	4	7	7	4	4	6	5	4	7	6	6	7	8	5	5	5	6	4	6	4	4	5	4	6	8
15	8	5	5	4	5	5	6	5	4	5	7	6	6	6	5	5	5	6	4	6	4	5	6	3	8	8
16	7	5	5	8	5	7	8	8	5	6	7	4	5	6	7	7	7	4	7	4	7	7	7	9	7	9
17	10	7	10	6	5	6	6	5	6	9	9	6	6	6	4	7	7	9	4	6	5	6	6	4	6	10
18	5	7	8	7	7	6	6	5	6	7	5	6	8	5	6	6	6	6	6	6	6	6	7	3	6	10
19	6	7	5	6	5	4	4	4	5	6	6	7	5	4	8	8	8	2	7	7	7	7	6	5	6	8
20	5	6	4	5	4	6	3	5	4	5	5	9	7	5	4	7	7	5	6	6	6	6	6	5	6	9
21	6	6	4	5	7	8	8	7	7	4	7	8	7	7	6	7	9	7	10	9	6	6	6	5	4	10
22	7	8	6	6	7	7	7	5	8	8	7	7	7	10	5	7	10	12	10	12	7	7	7	5	7	12
23	5	6	7	7	5	6	7	6	6	6	7	9	7	7	6	6	6	8	8	8	7	9	7	7	7	10
24	9	3	5	9	8	9	8	7	7	10	10	7	8	8	6	6	10	9	5	7	3	7	7	6	7	10
25	6	5	8	8	7	7	4	6	7	6	8	7	6	7	6	6	6	9	5	6	5	7	7	7	7	11
26	8	8	4	7	4	7	10	4	7	8	9	9	9	9	6	8	8	6	8	8	8	10	7	7	7	10
27	9	6	7	8	8	6	8	8	9	8	10	10	7	6	10	10	4	6	10	6	7	4	7	7	7	10
28	5	6	9	4	6	7	6	6	10	7	11	9	7	9	9	10	7	9	9	6	8	7	5	9	7	11
29	7	7	6	7	7	10	7	7	7	10	7	6	9	7	9	7	6	7	10	8	7	5	9	6	7	10
30	7	7	7	8	6	5	6	7	8	9	7	7	11	7	7	9	9	9	10	13	7	9	7	8	8	13
HV	6	6	6	6	5	6	5	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	13
SD	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2

NITROGEN DIOXIDE LOC:09J
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

MAY, 1982

AEKOVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	0	4	4	0	5	7	7	3	4	2	2	4	2	2	7	4	4	4	2	2	5	4	5	4	7
2	4	4	2	2	2	4	2	5	6	6	6	6	7	9	7	11	4	6	7	4	9	12	11	11	6	12
3	0	4	5	9	4	4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	9
4	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	9
5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	30
6	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	22
7	5	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	9
8	5	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	10
9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
10	4	6	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	16
11	12	10	9	8	7	9	7	12	11	10	9	8	11	9	8	11	9	12	10	9	10	10	10	10	10	12
12	5	7	7	8	9	12	16	16	14	11	12	14	10	11	8	10	10	9	9	9	10	9	10	9	10	16
13	13	14	13	14	10	9	17	10	10	11	9	8	9	8	7	8	8	9	8	7	8	8	6	6	8	17
14	8	8	10	7	9	11	8	9	10	10	7	10	9	9	9	9	9	8	10	8	11	7	12	10	9	12
15	6	9	10	11	9	10	8	10	10	9	8	10	10	10	9	7	9	9	8	10	11	8	10	10	9	11
16	10	8	8	9	8	9	12	11	9	9	12	10	10	8	11	10	9	10	7	9	10	11	8	10	9	11
17	10	8	12	10	10	8	3	7	12	10	12	8	15	13	13	13	13	15	11	10	13	11	11	10	10	12
18	8	7	5	8	11	11	17	15	18	13	13	17	20	7	15	13	11	11	11	11	11	10	8	8	12	20
19	15	13	13	13	11	13	11	15	13	15	13	11	11	9	10	10	10	10	10	9	8	9	9	9	9	15
20	13	7	9	9	7	8	7	10	10	10	9	9	9	10	10	9	9	9	9	9	9	10	9	9	9	13
21	8	9	9	9	9	8	7	9	9	9	10	6	6	6	6	6	6	6	6	6	6	6	6	6	6	11
22	4	6	4	2	4	2	4	4	2	3	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9
23	6	2	4	6	6	6	6	6	4	6	4	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9
24	2	8	6	4	4	7	9	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9
25	4	2	4	4	2	4	6	11	6	9	9	7	6	10	9	9	9	11	9	9	11	10	12	11	8	12
26	11	9	9	10	9	8	10	10	10	11	10	9	9	9	7	8	8	8	9	9	8	7	8	8	9	11
27	8	8	7	9	8	8	8	8	9	9	9	9	9	9	8	7	8	8	9	9	7	8	9	7	8	9
28	8	9	9	10	9	8	9	9	9	9	7	9	9	9	9	9	9	9	9	8	10	10	8	8	9	10
29	7	8	8	7	8	8	7	7	8	9	8	9	8	8	9	9	8	8	9	8	8	8	8	8	8	9
30	9	10	8	9	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	10
31	7	6	6	6	6	5	6	7	8	8	8	8	8	8	10	8	8	8	8	8	8	7	8	8	7	10
AV	7	7	7	7	7	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8
SD	4	3	3	3	3	3	4	3	3	3	4	2	5	5	4	3	3	3	2	3	3	3	3	3	3	3

NITROGEN DIOXIDE [CC.109]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 6

JUN, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	7	7	8	7	7	6	7	8	9	9	9	9	9	9	9	9	9	8	8	8	8	9	8	9	8	9	10
2	10	7	7	7	7	7	7	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
3	7	7	7	6	7	7	7	6	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	9
4	6	9	8	9	7	6	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
5	6	6	9	9	7	7	7	7	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9
6	8	7	5	5	6	6	6	6	5	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	8
7	6	5	5	5	5	5	5	5	11	8	8	8	8	7	7	7	7	7	7	7	7	7	7	7	7	7	11
8	8	6	6	5	5	6	5	6	5	6	6	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	14
9	6	5	5	4	5	5	4	7	8	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8
10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	8
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	3
12	5	4	4	4	4	3	4	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
13	5	3	4	4	4	4	5	5	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
14	4	4	4	4	4	5	4	15	13	9	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	5
15	5	4	3	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	6
16	6	6	6	6	6	6	4	3	4	4	6	5	4	5	4	5	5	5	5	5	5	5	5	5	5	5	10
17	5	4	4	5	4	5	4	4	7	5	5	6	4	5	6	27	24	7	8	11	19	6	6	6	6	6	27
18	4	5	6	6	5	5	5	5	5	6	5	5	5	5	7	6	6	6	5	7	6	7	6	6	6	6	7
19	6	6	5	4	4	4	4	5	5	5	5	5	5	5	4	4	4	4	4	4	4	4	4	4	4	4	5
20	3	4	3	3	3	2	2	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5
21	3	3	3	2	3	3	3	3	20	4	11	6	8	4	11	10	5	11	6	6	5	4	4	4	4	4	20
22	6	4	4	3	3	3	3	7	7	12	27	13	6	1	25	21	7	13	6	11	19	4	4	4	4	4	12
23	5	2	2	2	2	2	2	6	8	[CA]	[CA]	6	4	4	4	9	8	6	4	4	4	4	4	4	4	4	6
24	2	3	2	3	2	3	5	5	7	6	4	6	5	5	4	4	4	36	31	22	4	2	2	2	2	2	7
25	2	3	2	2	3	2	2	2	3	3	3	[ZS]	1	0	4	6	0	0	1	0	1	0	3	0	0	0	4
26	2	3	3	0	0	4	6	2	0	1	0	4	4	2	4	6	0	0	0	2	6	2	2	1	0	0	6
27	2	0	1	0	1	1	0	0	2	0	0	0	2	5	2	4	0	3	2	0	0	0	0	0	0	0	1
28	2	0	0	0	0	0	0	5	3	0	3	3	3	3	4	3	10	3	1	1	1	1	1	1	1	1	3
29	2	0	0	1	1	1	1	1	1	1	1	1	2	1	1	2	1	1	1	2	1	0	0	0	0	0	2
30	0	0	0	1	0	1	1	1	1	1	2	2	2	1	2	2	2	2	2	3	3	1	0	2	3	1	3
AV	5	4	4	4	4	4	4	6	7	5	6	6	7	6	6	7	6	7	6	6	6	6	5	5	4	5	6
SD	2	2	2	2	2	2	2	3	6	3	5	3	11	4	4	5	4	6	5	4	4	4	3	3	3	4	6

NITROGEN DIOXIDE [CC:03]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

JUL, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	1	0	0	1	2	1	1	1	3	2	3	2	1	2	2	1	2	1	2	1	5	7	3	2	7
2	2	1	0	0	1	0	1	1	1	2	2	1	1	1	1	1	2	1	0	1	0	0	1	1	1	3
3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
4	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	1	1	2	2	0	0	3
5	0	0	0	0	2	0	0	0	0	0	2	1	0	0	1	1	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	2	2	2	1	0	0	1	12	5	0	0	0	0	0	0	0	0	0	12
7	0	0	0	0	0	0	0	1	3	3	2	2	1	1	1	0	0	0	0	0	0	0	0	0	0	13
8	1	0	0	0	0	2	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
9	0	0	0	0	0	0	0	0	0	0	0	0	0	1	1	1	1	0	0	2	17	0	0	0	0	0
10	0	1	0	0	0	0	0	0	0	1	1	1	1	2	1	0	0	0	0	0	0	0	0	0	0	15
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	1	1	1	1	1	0	0	1	1	11	0	0	0	0	0	0	0	11
13	0	0	0	0	0	0	0	6	0	1	4	5	2	0	1	3	0	0	0	0	0	0	0	0	0	7
14	0	1	1	0	0	0	0	1	6	0	1	0	0	1	0	0	1	14	2	10	1	0	0	0	0	14
15	0	0	4	2	0	0	0	0	7	8	3	6	0	0	0	0	0	0	0	0	0	0	0	0	0	14
16	0	13	0	0	0	0	0	9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	13
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	47	0	0	0	0	0	0	47
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	29	0	0	24	2	0	0	29
21	0	0	0	0	0	0	0	0	0	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	9	4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	9
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	1	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	1	0	0	0	1	0	1	[ZS]	0	0	1	0	1	0	0	0	0	1	0	0	0	0	1
27	0	0	0	0	0	4	3	1	2	2	3	3	1	2	2	2	7	13	3	3	3	3	3	3	3	13
28	2	2	2	1	2	0	0	0	0	4	3	1	2	2	4	5	3	3	4	4	3	3	3	2	2	5
29	1	0	1	1	0	0	0	1	4	3	[ZS]	2	2	4	9	4	3	3	3	3	1	1	2	2	2	9
30	5	2	3	4	2	3	2	7	9	3	4	5	4	5	4	3	4	4	4	5	5	3	2	0	4	9
31	2	2	2	0	0	1	1	1	2	4	4	4	4	4	4	3	3	4	2	3	2	2	2	1	2	4
AV	0	1	0	0	0	0	1	2	2	1	1	1	1	1	1	1	1	1	3	3	1	2	1	1	1	47
SD	1	2	1	1	1	1	2	3	2	1	2	2	2	2	3	2	2	2	6	9	3	4	2	3	3	1

NITROGEN DIOXIDE (CC:09)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

AUG, 1982

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	1	1	1	1	1	0	0	0	2	3	3	3	3	3	2	3	3	3	3	2	3	4	3	1	2	4
2	2	2	2	2	2	2	2	1	2	4	3	3	3	3	5	5	5	5	5	0	1	1	2	2	2	6
3	3	3	3	3	3	2	2	3	4	4	4	5	5	5	5	5	5	5	5	4	4	4	4	4	4	5
4	4	4	4	4	4	1	1	3	5	7	5	5	5	5	6	5	5	6	4	6	14	5	5	5	5	14
5	4	4	3	3	3	2	2	2	6	6	8	6	6	5	5	5	5	5	5	6	6	4	3	3	3	8
6	3	3	3	3	2	2	2	2	5	5	6	6	6	5	5	5	5	5	5	5	5	4	4	4	4	6
7	3	3	3	3	3	1	3	3	4	4	4	5	5	5	6	5	5	5	5	6	5	6	5	5	5	4
8	5	5	5	4	5	4	4	4	7	5	6	6	6	6	6	5	5	6	6	4	4	4	4	4	4	6
9	4	4	4	2	2	2	2	4	2	5	6	6	7	7	7	6	6	6	5	5	5	4	4	4	4	7
10	4	4	4	3	3	3	5	8	6	6	5	5	5	6	6	5	5	5	5	9	5	5	5	7	5	9
11	5	5	5	4	5	4	4	7	6	5	5	6	6	6	5	5	6	6	6	9	6	6	7	5	6	7
12	5	5	6	7	5	5	6	6	7	7	8	7	7	7	8	7	7	6	6	7	7	7	5	5	5	7
13	5	5	6	6	5	4	5	4	5	5	5	5	5	5	5	5	5	6	5	5	5	4	2	2	4	6
14	3	3	4	3	3	3	3	3	3	3	4	5	5	5	5	4	4	5	4	4	4	6	6	5	5	6
15	5	5	5	5	5	4	4	4	5	4	5	6	6	7	6	5	4	5	6	5	5	5	3	3	3	7
16	5	4	5	4	3	4	4	4	6	5	6	6	4	5	4	4	4	4	7	5	5	5	3	3	5	7
17	5	5	4	4	4	4	4	4	5	5	6	6	5	5	5	5	5	5	4	4	4	4	4	4	4	6
18	7	7	7	7	7	7	23	11	8	8	8	7	7	7	8	6	6	7	7	6	7	7	7	6	6	8
19	5	5	6	6	5	6	6	6	5	8	7	9	8	7	8	7	7	8	6	7	6	5	5	5	5	8
20	5	5	5	5	5	5	5	5	10	7	6	6	5	5	5	6	6	6	6	7	8	7	6	6	6	9
21	7	7	6	5	5	5	5	6	5	7	7	7	7	7	7	7	7	8	7	7	7	8	7	7	7	10
22	4	4	4	5	6	6	6	6	5	6	6	7	6	6	7	9	9	9	9	6	6	6	6	6	6	9
23	6	6	6	6	6	6	4	5	6	7	6	7	7	6	6	6	6	6	8	8	7	7	7	6	6	10
24	6	6	6	6	6	6	6	5	6	6	6	7	6	6	7	6	6	6	6	8	6	6	6	6	6	8
25	6	6	5	5	5	6	6	6	7	7	8	8	6	6	7	6	6	6	6	6	6	6	6	6	6	8
26	6	6	6	6	6	6	6	6	6	6	7	6	6	6	7	6	6	6	6	6	6	6	6	6	6	8
27	4	5	5	5	5	4	4	4	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
28	4	5	4	5	5	5	4	5	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
29	6	6	7	6	6	6	6	6	6	6	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	9
30	6	6	5	4	4	5	4	5	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7
31	4	4	5	3	4	4	4	3	6	8	7	6	6	6	6	6	6	6	8	7	5	5	5	5	5	7
AV	5	5	4	4	4	4	4	5	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	8
SD	2	1	1	2	2	2	4	2	2	1	1	1	1	1	1	1	1	2	2	2	2	1	1	1	1	23

NITROGEN DIOXIDE [CC:09]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

SEP, 1982
 AEROVIROHMMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	4	3	3	3	3	2	3	3	6	11	6	5	5	5	7	10	7	5	5	5	4	4	6	2	5	11
2	4	3	3	3	3	3	3	3	8	[CA]	[CA]	6	5	5	7	6	5	7	14	6	3	3	3	3	5	14
3	4	3	3	3	3	3	4	3	3	7	11	8	5	5	5	5	5	5	5	5	4	4	4	3	5	11
4	3	4	3	4	3	3	3	4	4	5	5	6	6	6	6	6	5	5	5	5	3	4	4	4	5	4
5	5	5	4	4	5	3	4	4	5	3	4	5	5	5	5	5	5	5	5	5	3	3	3	3	3	4
6	4	2	3	3	3	3	2	2	2	3	[ZS]	[ZS]	5	5	3	5	5	5	4	3	4	3	4	3	3	5
7	5	4	5	3	3	3	3	4	3	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	[ZS]	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	[ZS]	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	[ZS]	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	3
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]
AV	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1
SD	2	2	2	1	2	1	1	1	2	3	3	3	2	2	2	3	2	2	2	3	2	2	2	2	2	[]

NITROGEN DIOXIDE [CC:09]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

OCT, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SD	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1

OXIDES OF NITROGEN [CC:10]
 MICROGRAMS/CUBIC MEYER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

JAN, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	9	8	5	3	1	1	0	0	0	0	3	9
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	2	1	0	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
6	0	0	0	0	0	0	0	0	0	0	1	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1
7	0	0	0	0	0	2	0	2	8	10	8	4	6	3	1	0	1	0	0	2	0	0	0	0	2	2	10
8	2	2	6	9	24	15	26	26	25	13	9	8	[ZS]	3	2	4	2	1	1	2	2	1	1	0	0	8	
9	0	0	0	0	1	0	2	4	1	0	5	5	4	2	5	6	6	7	5	6	7	4	3	3	3	7	
10	3	1	2	1	2	1	0	0	1	2	1	2	2	4	5	5	5	8	7	4	3	3	3	3	3	6	
11	2	1	1	0	1	0	0	3	7	10	[ZS]	7	5	5	6	6	9	5	7	8	10	5	7	5	5	10	
12	3	2	2	3	3	4	2	4	1	1	1	1	0	0	3	4	3	2	2	1	1	0	0	0	0	2	4
13	2	1	3	3	3	4	5	6	6	8	9	8	8	[ZS]	0	0	0	3	0	0	0	0	0	0	0	3	9
14	0	0	0	0	1	0	0	3	4	5	12	14	9	9	4	10	5	0	3	3	2	1	1	1	1	14	
15	0	0	0	0	0	0	0	0	5	14	[PC]	5	0	0	2	0	0	0	0	0	0	0	0	0	0	1	14
16	0	0	0	0	0	0	3	1	4	4	3	4	2	1	0	0	0	0	0	0	0	0	0	0	0	1	4
17	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	1	0	0	1	1	0	0	0	0	0	3	4
18	0	0	0	2	3	5	12	11	15	13	14	[ZS]	6	6	3	1	0	0	0	0	0	0	0	0	0	4	15
19	0	0	0	0	0	0	4	4	4	4	6	4	3	2	2	0	0	0	0	0	0	1	1	1	1	6	
20	0	0	1	0	1	0	0	1	1	7	6	[ZS]	2	1	2	0	2	0	0	1	0	2	0	0	0	1	7
21	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	0	0	0	0	0	0	0	1	1
22	0	0	0	0	0	0	0	1	1	5	2	[ZS]	0	0	0	0	0	0	0	0	0	2	0	0	0	0	5
23	0	0	2	0	0	0	2	2	2	9	8	5	3	2	3	1	4	4	2	2	2	1	4	3	3	9	9
24	3	4	0	0	0	0	0	2	0	3	2	2	4	2	4	3	1	0	1	2	0	0	0	0	0	1	4
25	0	1	0	12	12	14	6	19	28	29	28	20	8	4	3	3	2	1	5	1	1	2	1	0	0	6	29
26	0	0	0	0	0	2	0	1	0	5	4	[ZS]	5	4	7	7	7	8	6	8	7	5	5	5	4	8	
27	2	1	2	3	0	0	0	0	0	1	0	0	0	0	2	1	1	1	1	1	0	0	0	0	1	3	3
28	0	0	0	1	1	6	9	4	10	7	[CA]	[CA]	4	4	6	5	5	5	4	4	1	3	1	3	1	4	10
29	1	2	3	3	2	2	2	3	2	4	3	[PC]	6	6	5	6	4	6	4	2	5	2	2	3	3	6	
30	0	1	1	1	0	5	3	6	9	4	0	3	5	1	2	2	2	1	3	0	0	0	0	0	2	2	9
31	6	2	0	1	0	4	14	7	5	9	6	4	3	3	6	4	4	2	2	2	0	0	0	1	4	14	
AV	1	1	1	1	2	2	3	4	5	6	5	4	3	2	2	3	3	3	2	2	3	1	1	1	1	2	29
SD	1	1	1	3	5	4	6	6	7	6	6	5	3	2	2	3	3	3	2	2	3	2	2	2	2	4	1

OXIDES OF NITROGEN (CC110)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

FEB, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	1	0	1	1	1	0	2	1	0	2	0	3	2	2	2	3	3	5	1	2	1	0	2	1	5
2	1	0	0	1	2	3	4	8	11	4	1 [CA]	1	1	1	1	0	2	0	1	2	0	0	0	0	2	11
3	0	1	2	2	1	1	0	2	1	1	2	2 [ZS]	3	4	4	4	3	3	2	4	9	10	10	8	3	10
4	4	2	0	0	0	1	6	6	5	6	8	2	4	5	4	3	3	3	3	2	0	0	0	0	3	8
5	1	1	3	2	1	4	2	2	4	3	5	3	4 [ZS]	1	2	2	2	2	2	3	2	2	2	2	5	5
6	6	5	5	4	5	6	6	5	6	12	12	7	6	5	5	5	6	5	6	5	6	5	6	5	6	12
7	10	12	14	9	10	8	6	9	10	15	12	7	8	7	7	7	8	7	8	8	7	7	6	6	9	15
8	7	7	7	7	8	8	8	9	10	9	9	[ZS]	7	8	8	12	7	8	6	6	7	7	6	7	8	12
9	7	8	8	7	8	9	8	11	10	13	14	14	8	8	7	7	8	8	9	8	10	11	11	10	9	14
10	12	10	8	8	8	9	11	10	8	10	9	10	[ZS]	10	10	6	8	8	9	9	9	7	9	16	22	10
11	15	15	17	14	17	16	15	19	21	21	[PF]	11	10	12	11	14	13	12	12	12	10	13	17	19	14	21
12	18	14	12	17	17	14	15	14	17	22	15 [ZS]	10	13	13	15	13	14	16	13	13	12	13	15	15	15	22
13	16	16	14	18	17	16	17	17	17	18	11	10	11	13	12	14	14	13	13	13	13	12	13	11	12	14
14	11	13	14	16	14	14	16	15	16	16	13	13	16	16	15	15	19	18	17	16	16	14	14	14	13	15
15	14	15	13	13	14	12	11	11	12	14	14	15	14	16	17	18	20	20	18	18	16	15	15	16	15	20
16	14	15	13	15	15	17	15	19	16	18	[ZS]	18	17	15	19	18	21	18	15	17	17	15	17	19	17	21
17	16	22	19	22	21	25	24	24	24	24	21	22 [ZS]	21	20	20	20	19	17	19	16	19	16	16	16	20	25
18	17	19	20	24	21	20	18	19	22	19	18	18	21	18	21	20	22	20	18	19	17	17	16	19	19	24
19	22	24	21	20	22	19	21	21	22	19	[ZS]	21	21	20	21	23	21	22	25	22	18	21	22	19	21	25
20	18	21	19	22	19	15	26	35	25	20	19	20	23	24	22	25	24	23	25	21	21	21	20	20	22	35
21	20	13	19	21	18	18	19	18	20	19	20	22	22	22	26	28	27	29	27	25	23	22	22	20	22	29
22	20	20	20	21	21	24	25	24	25	25	27	[ZS]	23	21	20	21	22	23	21	21	20	22	22	22	22	22
23	20	20	21	18	19	20	22	19	15	19	19	18	18	19	19	18	18	18	18	19	18	17	17	19	19	22
24	24	32	32	24	20	21	19	18	19	24	23	19 [ZS]	20	22	22	22	22	21	20	20	19	19	20	20	27	32
25	28	29	27	25	24	21	20	20	19	24	23	20	20	22	23	23	24	23	23	22	21	21	21	21	22	29
26	22	23	22	22	21	20	24	37	27	26	23 [PC]	24	24	25	25	25	22	23	23	21	22	22	22	22	24	37
27	22	20	21	21	20	17	16	17	17	17	17	17	18	18	18	18	18	18	18	18	18	18	18	18	18	22
28	18	18	18	18	17	18	18	14	18	18	18	18	18	19	19	19	19	19	19	19	19	19	18	18	18	19

OXIDES OF NITROGEN (CC.10)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

APR. 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	18	18	19	18	18	17	18	18	17	18	18	[CA]	18	18	16	15	16	19	18	17	17	18	18	18	18	19
2	19	16	17	17	16	17	18	16	17	18	18	17	18	17	18	18	15	17	17	20	17	18	18	18	18	18
3	19	18	18	18	18	17	18	18	17	18	20	18	19	20	21	18	19	19	19	18	20	20	20	19	19	21
4	18	18	17	16	18	18	17	18	17	19	16	17	17	[ZS]	18	18	20	17	20	19	18	19	19	16	18	20
5	16	16	16	16	15	17	16	16	17	19	16	16	18	18	17	17	18	19	17	17	20	19	19	16	18	20
6	18	19	19	19	19	18	18	18	17	18	17	18	17	18	17	18	18	18	17	17	17	17	17	17	17	20
7	18	19	18	17	18	18	19	19	17	17	17	18	18	18	18	17	17	17	17	17	17	17	17	17	18	19
8	18	19	19	18	18	17	18	19	19	17	17	18	18	18	18	17	17	17	17	17	18	18	19	19	20	24
9	20	18	18	18	18	17	19	19	19	19	18	18	18	18	17	19	19	18	18	18	19	18	17	17	18	24
10	18	18	18	18	18	18	17	19	19	19	19	19	20	19	20	18	20	18	19	18	16	20	18	19	19	20
11	17	16	17	18	18	17	18	19	18	18	20	19	20	19	18	20	17	19	20	19	20	18	17	17	18	20
12	17	18	17	19	18	18	18	19	19	18	19	19	19	19	19	19	19	20	18	19	20	18	17	19	19	20
13	22	21	19	18	18	19	19	18	19	19	19	19	21	20	19	20	19	20	17	18	19	19	18	17	19	22
14	17	16	19	18	17	17	18	18	18	19	20	19	[ZS]	19	19	19	19	20	18	20	18	18	17	19	16	20
15	19	18	17	17	17	17	18	18	19	18	18	20	19	19	17	18	18	18	18	19	20	18	20	19	18	20
16	19	17	18	19	18	19	20	18	16	18	17	20	[ZS]	18	19	19	19	20	19	19	17	16	18	21	18	21
17	22	19	21	18	18	18	18	15	17	19	18	19	19	18	19	19	19	20	19	19	20	19	19	18	19	22
18	19	19	20	18	18	18	18	18	17	18	19	17	18	18	17	20	20	20	20	18	18	18	19	16	18	20
19	18	18	17	18	17	17	16	17	16	18	18	18	19	19	18	19	19	19	18	18	18	18	18	17	18	19
20	16	18	16	17	16	18	15	17	16	17	17	20	[ZS]	17	18	18	18	17	18	17	17	18	18	17	17	20
21	17	18	17	17	18	16	22	19	19	19	18	18	18	19	19	17	20	19	20	22	20	18	18	17	15	22
22	19	17	18	17	18	19	20	20	18	19	[SA]	22	22	20	20	23	22	22	23	23	21	20	18	18	20	23
23	19	17	19	19	18	17	18	19	17	18	18	20	[PC]	21	22	23	22	20	22	21	20	19	19	20	19	23
24	19	18	19	19	19	19	19	19	20	20	19	18	19	17	18	19	18	19	20	19	18	17	18	19	19	20
25	19	18	17	18	18	17	16	18	18	17	18	19	19	19	17	17	18	19	18	17	19	19	19	18	18	19
26	19	16	17	18	17	17	19	17	18	16	17	18	18	18	18	20	19	21	18	19	19	19	18	19	18	21
27	18	18	18	19	19	18	18	19	20	21	20	19	19	19	22	18	20	20	18	20	21	19	19	17	18	22
28	18	18	19	16	16	18	18	16	19	18	20	20	[ZS]	19	18	20	20	20	18	20	18	17	17	19	18	20
29	18	17	17	18	18	18	19	18	19	18	20	19	18	18	20	20	18	19	21	19	19	18	17	19	18	21
30	18	18	18	18	17	17	17	18	18	20	20	20	19	18	20	19	21	20	21	24	20	19	15	17	19	24
AV	16	18	18	16	16	18	18	18	18	19	19	19	19	19	19	19	19	19	19	19	19	18	18	18	18	24
SD	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	2	1	2	2	1	1	1	1	1	1

OXIDES OF NITROGEN (CO:10)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

MAY, 1982
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	2	4	4	2	0	5	7	7	2	4	2	4	4	5	7	7	5	4	4	2	2	5	5	5	4	7
2	4	5	2	2	0	4	4	5	5	9	7	9	9	12	14	7	7	9	7	9	12	11	12	11	8	14
3	5	5	5	9	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	5	9
4	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	3
5	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	(PF)	33
6	3	3	5	5	7	12	7	10	14	9	9	26	12	10	16	9	9	7	7	7	9	7	5	7	7	26
7	5	5	3	3	2	3	3	5	0	5	3	5	10	9	10	14	7	7	3	9	2	7	3	7	7	14
8	5	5	3	3	3	3	7	5	9	10	9	7	7	7	7	10	3	7	3	3	8	5	5	7	7	10
9	8	8	5	8	8	8	8	8	5	1	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
10	5	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	8
11	25	20	18	17	18	17	18	24	24	21	19	22	20	19	24	20	21	24	20	19	19	22	20	18	21	28
12	17	18	18	19	19	21	26	25	26	24	22	23	19	20	18	20	18	19	17	19	19	19	19	19	21	25
13	22	26	24	19	19	29	21	21	21	20	17	18	20	17	18	19	19	20	19	19	19	18	17	17	17	26
14	19	18	19	17	18	22	20	19	19	20	19	21	20	19	19	19	19	18	19	19	19	18	21	20	19	25
15	19	17	18	20	18	19	19	20	19	17	19	19	20	18	17	19	19	18	18	15	18	19	17	19	19	22
16	18	17	18	20	17	19	22	22	13	17	15	17	13	15	15	18	19	19	18	19	19	20	18	19	19	22
17	10	8	13	11	10	11	11	11	11	13	17	15	17	13	15	13	13	15	11	10	13	11	11	10	12	17
18	10	8	11	8	11	11	17	15	18	13	13	13	18	20	11	13	13	11	11	11	11	10	8	8	12	20
19	15	13	13	13	11	13	11	15	13	15	13	11	11	16	16	16	16	17	17	14	14	14	14	14	14	17
20	18	13	14	13	13	13	13	18	18	17	14	14	15	15	17	15	15	15	15	15	15	15	14	14	14	18
21	16	14	15	13	14	14	14	14	15	16	16	6	9	8	11	8	8	8	8	8	8	8	8	8	8	16
22	4	6	4	2	4	2	4	4	2	4	6	6	8	6	6	9	2	4	4	4	4	6	6	6	6	9
23	6	2	4	6	4	6	6	8	4	6	4	6	8	6	6	9	4	4	4	4	4	4	4	4	4	9
24	2	8	6	4	6	7	9	7	7	6	6	2	7	2	4	4	4	4	4	4	4	4	4	4	4	9
25	4	2	4	4	2	4	6	11	6	9	9	7	6	17	13	16	16	17	14	15	17	16	18	17	11	18
26	19	16	17	16	16	16	15	15	17	18	(CA)	16	16	13	14	14	14	14	14	14	14	12	13	13	15	19
27	17	13	13	14	13	13	13	13	13	14	15	15	15	13	13	13	14	14	14	14	14	14	14	13	13	15
28	16	14	14	15	14	14	14	14	14	14	14	32	15	15	16	14	14	13	14	13	14	15	13	13	15	32
29	15	13	13	12	12	12	12	13	14	13	14	13	13	14	14	14	14	13	14	13	14	13	13	13	14	15
30	18	13	15	12	13	13	13	13	13	13	13	13	14	13	13	13	14	14	14	14	13	12	12	11	13	18
31	13	11	11	11	11	10	10	11	12	12	14	(ZS)	12	13	14	12	13	13	12	13	13	12	12	12	12	14
AV	12	11	11	10	10	11	12	13	13	12	12	13	14	14	14	15	13	13	13	12	13	12	12	13	12	33
SD	7	6	6	6	6	6	7	6	7	6	6	8	5	6	6	5	6	6	5	6	5	5	6	6	6	6

OXIDES OF NITROGEN [CC:10]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

JUN, 1982

AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK		
1	14	12	12	11	11	10	11	14	20	14	14	14	14	13	13	13	14	12	12	12	12	13	12	12	13	13	20	
2	16	12	11	11	11	11	11	12	14	13	12	13	12	12	12	12	12	12	12	12	14	12	14	11	12	16	16	
3	12	11	11	10	11	10	10	12	14	12	12	12	12	12	12	12	12	12	12	12	11	12	11	11	12	13	12	
4	11	10	10	11	10	10	14	16	14	16	13	13	12	12	12	11	11	11	11	11	12	13	12	11	12	16	16	
5	14	11	12	12	11	11	10	10	12	11	12	11	12	12	12	11	12	12	13	9	11	10	11	10	11	14	14	
6	14	10	8	8	8	9	10	10	9	10	10	9	10	10	10	10	10	9	10	10	9	10	9	10	9	10	14	
7	12	9	9	8	8	9	8	14	18	14	13	12	10	10	11	11	10	10	11	10	9	8	8	9	10	18	18	
8	13	8	8	6	7	8	7	14	8	9	8	11	23	10	10	9	10	10	10	10	11	10	9	9	9	11	25	
9	9	8	7	7	8	7	8	14	17	9	9	9	9	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	9	17	
10	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	1	1
11	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	7	8
12	8	7	7	6	7	6	7	6	8	8	8	7	7	7	7	7	7	8	7	6	7	7	7	8	7	8	8	
13	9	7	6	6	7	6	7	9	7	7	7	7	7	7	7	7	7	6	7	7	6	5	5	5	7	9	9	
14	7	4	4	5	5	5	4	32	25	19	9	10	10	6	9	8	7	16	15	8	7	10	18	7	10	32	32	
15	8	7	5	7	8	7	7	8	7	8	11	7	8	7	7	8	8	6	7	7	7	6	6	6	6	7	11	11
16	10	9	8	8	7	6	5	8	9	9	7	6	7	7	7	9	7	15	7	12	15	8	7	6	6	8	15	15
17	12	6	6	6	6	6	5	13	15	7	8	7	7	7	8	123	42	9	9	16	28	7	7	6	6	15	123	
18	6	7	7	7	7	7	7	7	7	8	7	7	7	7	7	7	7	8	8	8	7	9	6	5	5	7	8	
19	8	7	7	5	5	5	5	7	7	8	7	7	7	6	5	4	5	6	5	5	4	4	4	4	4	4	5	7
20	7	5	4	4	4	3	3	5	6	5	6	6	6	6	5	4	5	6	5	5	4	4	4	4	4	4	5	7
21	6	4	4	4	4	5	5	8	53	6	17	11	12	6	18	21	9	19	8	6	6	6	6	6	6	10	53	
22	7	7	5	4	4	4	5	10	13	11	25	80	56	70	47	8	29	8	29	8	15	5	4	4	4	4	21	80
23	9	4	4	3	4	3	3	13	13	[CA]	18	5	6	14	13	9	4	4	4	4	5	3	3	3	3	3	7	18
24	5	3	3	3	4	3	6	10	13	11	7	8	7	8	5	6	7	120	115	54	4	4	3	3	3	17	120	
25	4	4	3	3	4	2	3	4	4	3	3	[ZS]	5	6	3	2	3	3	1	1	1	0	0	0	0	3	6	
26	3	3	3	0	0	4	6	4	3	1	3	4	4	4	8	8	1	1	3	6	3	4	1	0	0	3	8	
27	2	0	1	0	1	1	0	0	2	0	1	4	6	6	8	6	2	4	2	2	2	2	6	4	0	3	8	
28	2	0	0	0	0	11	0	9	31	2	4	4	4	4	5	5	4	14	6	4	9	2	1	1	1	5	31	
29	5	1	0	1	3	1	2	2	1	2	6	2	7	2	1	2	2	2	1	2	1	1	1	1	1	1	2	6
30	3	0	0	2	1	2	2	2	2	2	2	3	3	2	3	3	3	3	3	3	4	1	2	3	3	2	4	
AV	8	6	6	6	6	6	6	6	10	12	9	11	9	10	12	14	9	14	11	10	8	7	7	6	6	9	123	
SD	4	4	4	3	3	3	4	6	11	6	9	5	14	10	12	23	7	22	21	10	6	4	4	4	4	10	[]	

OXIDES OF NITROGEN (OC:10)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

JUL, 1982
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	5	2	1	2	3	2	3	3	3	3	3	4	2	2	3	2	5	2	2	2	2	10	13	4	4	13
2	6	1	1	1	1	1	1	1	2	2	3	3	3	2	2	3	2	2	1	2	1	1	0	2	2	6
3	2	2	0	0	0	0	0	0	2	1	3	2	1	1	1	1	1	1	1	1	1	0	0	0	1	3
4	2	0	0	0	1	0	0	4	0	0	2	0	0	0	0	0	0	0	0	0	2	2	2	0	1	4
5	0	0	0	0	2	0	0	0	2	0	2	1	1	1	2	1	1	0	0	0	1	0	1	0	0	2
6	2	0	0	0	0	0	0	0	4	4	2	0	1	6	50	15	1	3	1	1	1	1	0	0	4	50
7	2	0	0	0	0	0	0	7	8	8	8	6	5	2	2	1	1	0	1	0	0	0	0	1	2	8
8	6	1	1	0	0	4	0	0	4	3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6
9	0	0	0	0	0	0	0	0	0	0	1	2	2	3	2	2	1	0	1	1	5	6	4	3	1	6
10	1	3	0	1	0	0	1	1	2	2	1	2	3	3	3	1	2	1	3	23	1	0	0	0	2	23
11	0	0	0	0	0	0	0	0	0	0	1	0	1	0	0	0	1	0	0	0	0	0	0	0	0	1
12	3	0	0	0	0	0	0	0	5	4	4	2	1	2	4	4	9	25	0	0	0	0	0	0	0	3
13	0	0	0	0	0	0	22	10	2	3	9	11	12	8	2	6	9	2	2	3	2	2	2	2	7	5
14	6	2	2	2	0	0	0	4	13	26	20	2	3	3	3	2	0	1	62	7	12	3	0	0	7	62
15	0	0	0	6	3	0	0	1	1	1	1	2	3	3	3	2	0	13	8	0	0	0	1	30	4	30
16	0	14	0	0	0	0	0	21	14	22	20	29	2	1	0	0	0	0	0	0	0	0	0	0	5	29
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	15	47	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	46	0	0	35	2	0	4	46
21	0	0	0	0	0	0	0	0	0	1	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
22	0	0	0	0	0	0	0	0	16	8	2	0	0	1	0	0	0	0	0	0	0	1	0	3	1	16
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0
25	1	0	0	0	0	0	0	0	0	0	2	0	1	1	2	1	1	1	1	1	0	0	0	0	0	2
26	1	0	1	1	0	0	0	3	3	3	3	3	3	3	4	3	3	3	5	8	14	4	4	3	3	3
27	2	1	1	0	1	6	4	3	3	3	3	3	3	3	4	3	3	3	5	8	14	4	4	3	3	14
28	5	3	3	2	2	1	1	1	1	11	5	4	3	4	5	7	4	4	4	4	4	4	4	3	4	11
29	3	1	3	1	0	0	0	2	10	3	2	4	7	27	6	4	4	4	6	4	2	1	2	3	4	27
30	11	2	4	4	4	4	4	23	16	4	6	9	7	6	5	5	5	5	5	5	4	2	3	2	6	23
31	3	2	2	1	1	1	2	2	3	5	5	5	5	4	5	4	4	4	3	4	3	3	3	1	3	5
AV	2	1	1	1	1	1	1	3	4	4	4	3	2	2	4	2	2	3	5	4	2	2	1	2	2	62
SD	3	3	1	1	1	2	4	6	5	6	5	6	3	2	10	3	2	5	13	9	3	6	3	5	5	1

OXIDES OF NITROGEN [CC:10]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

AUG, 1982

AEROVIRONMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

CLOCK HOUR [LOCAL STANDARD TIME]

07	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	2	2	2	2	2	0	1	1	3	4	4	4	4	4	3	4	4	3	4	3	4	5	4	2	3	5	
2	2	2	2	2	3	3	2	2	5	5	5	5	5	4	6	8	4	1	0	0	2	2	3	3	3	8	
3	3	4	3	3	2	2	3	4	4	6	6	6	6	6	6	6	6	6	6	5	5	5	5	5	5	6	
4	5	4	5	3	2	2	1	6	7	8	7	7	8	8	8	8	8	7	5	8	16	5	5	4	6	16	
5	5	4	3	3	3	3	3	3	9	13	8	7	7	7	7	7	7	7	7	7	7	5	4	10	6	13	
6	4	4	4	3	3	3	4	4	7	6	7	6	6	6	6	6	6	6	6	6	4	5	4	4	5	7	
7	4	4	4	4	4	2	4	5	6	6	6	6	6	6	6	6	6	6	6	7	6	6	6	6	6	7	
8	6	6	6	5	6	5	5	5	7	7	7	7	7	7	6	6	6	7	6	6	5	5	5	5	5	7	
9	5	5	5	3	3	3	3	7	7	9	9	10	12	12	8	11	7	8	6	6	5	5	5	5	5	7	
10	5	5	4	4	4	5	7	10	10	[CA]	8	6	7	7	7	5	6	6	7	9	6	6	6	7	7	12	
11	6	6	6	4	5	4	4	8	8	7	6	7	9	9	7	11	7	7	7	8	7	7	7	6	7	10	
12	6	6	7	8	6	6	6	8	9	[ZS]	8	8	8	8	12	8	8	8	7	8	8	8	7	11	8	12	
13	6	6	6	7	6	5	6	6	6	6	6	6	6	6	6	6	6	7	6	6	6	5	4	5	6	7	
14	4	4	5	4	4	4	4	4	4	4	4	5	6	6	6	6	6	6	5	5	5	7	7	6	5	7	
15	6	6	6	6	6	5	5	5	6	6	6	6	6	6	6	6	6	6	6	5	5	4	5	5	5	8	
16	6	6	5	5	4	5	5	5	7	6	8	6	6	6	5	5	5	4	7	5	5	5	3	3	5	8	
17	6	6	5	5	5	6	6	5	6	7	7	6	6	6	6	7	8	8	8	7	6	8	7	6	7	8	
18	8	8	8	8	7	8	8	11	10	9	8	8	8	8	8	7	7	7	7	8	8	8	8	7	6	9	24
19	8	8	8	7	6	5	5	6	7	7	7	6	7	7	6	7	8	8	8	8	7	6	5	5	6	10	
20	8	8	5	5	5	5	6	6	11	7	7	7	6	7	6	7	8	8	8	8	8	8	8	8	8	11	
21	8	7	7	6	6	6	6	7	6	8	8	8	7	7	7	7	8	9	8	8	6	6	4	5	7	9	
22	4	4	4	5	6	6	6	6	5	6	6	7	8	7	7	8	10	10	10	7	6	6	6	6	7	10	
23	6	6	6	6	6	4	4	6	7	8	7	8	8	7	7	7	7	7	8	7	7	8	7	7	7	8	
24	6	7	6	6	6	6	6	6	6	6	7	7	7	7	7	6	6	7	7	6	6	6	6	6	6	8	
25	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	7	8
26	6	6	6	6	6	6	6	6	7	7	7	7	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8
27	4	5	6	6	5	4	4	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	5	4	5	7	8
28	4	5	4	6	6	6	6	6	6	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8
29	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	8
30	6	6	5	5	5	5	5	5	8	8	8	7	6	5	6	6	5	5	5	5	5	4	5	5	5	6	8
31	5	5	5	4	5	5	5	3	8	8	8	6	7	6	8	8	7	9	8	7	5	5	5	5	5	6	8
AV	5	5	5	5	5	5	5	6	7	7	7	7	7	7	7	7	7	7	7	6	6	6	6	6	6	6	24
SD	1	1	1	2	1	2	4	2	2	1	2	1	2	2	1	1	1	2	2	2	2	1	1	2	2	2	2

OXIDES OF NITROGEN (OC110)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6
SEP, 1982
AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR (LOCAL STANDARD TIME)

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	7	3	3	3	3	2	3	3	8	16	7	6	6	5	7	23	11	7	5	5	4	4	6	3	3	6	23
2	5	3	3	3	3	3	3	3	13	[CA]	[CA]	7	6	6	8	8	6	8	14	6	3	3	3	3	3	6	14
3	6	4	4	4	4	5	4	4	4	5	5	10	22	7	7	6	5	5	5	4	4	4	4	3	5	6	22
4	6	4	4	4	4	3	3	4	5	5	5	6	6	6	6	6	6	5	5	5	3	4	4	4	5	5	6
5	6	5	5	5	5	4	5	5	5	5	5	5	5	5	5	5	5	5	5	5	3	3	3	3	3	5	6
6	5	2	3	3	3	3	2	3	3	3	3	[ZS]	5	5	3	5	5	5	4	3	4	3	4	3	4	3	5
7	6	4	5	3	3	3	3	3	5	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	2
8	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
14	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	[PC]	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	[ZS]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	0	3
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	[]
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	[]
AV	2	1	1	1	1	1	1	1	2	2	2	1	2	1	1	2	3	1	1	1	1	1	1	1	1	1	23
SD	3	2	2	2	2	2	2	2	3	4	4	3	5	2	3	5	3	3	3	3	2	2	2	2	2	2	3

OXIDES OF NITROGEN [CC:10]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 6

OCT, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	0	0	0	0	0	0	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
5	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
7	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
8	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
12	0	0	0	0	0	0	0	0	6	1	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
13	0	0	0	0	0	0	0	0	1	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	6
14	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	1
15	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
16	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
17	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
18	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
19	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
20	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
21	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
22	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
23	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
24	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
25	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
26	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
27	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
28	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
29	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
30	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
31	0	0	0	0	0	0	0	0	0	0	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	[CA]	0
AV	0	0	0	0	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6
SD	0	0	0	0	0	0	0	1	2	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

OZONE [CC:11]

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

JAN, 1982

AEROVIRONNENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	61	61	58	55	58	57	56	53	47	50	55	65	68	[ZS]	65	72	70	72	75	71	69	67	65	67	62	75	
2	66	67	65	63	64	68	66	67	66	66	66	68	74	77	81	85	83	83	80	79	75	69	71	73	72	85	
3	73	71	66	65	66	65	64	64	65	65	68	70	77	86	88	88	89	78	75	71	76	78	79	79	74	89	
4	77	76	74	73	75	75	75	76	78	78	78	78	79	80	79	80	78	76	75	73	76	75	72	68	76	80	
5	70	63	63	63	64	67	68	67	66	66	69	72	76	82	87	87	86	81	84	82	76	79	72	74	74	87	
6	74	75	78	76	77	78	79	80	83	84	[ZS]	82	82	82	83	82	81	81	81	80	78	76	73	69	79	84	
7	69	69	68	60	64	61	59	53	53	58	65	72	72	78	89	89	85	88	80	74	74	72	66	66	79	89	
8	65	64	62	57	40	48	38	38	45	58	65	[ZS]	86	89	98	103	103	100	94	85	84	82	76	75	72	103	
9	73	74	74	73	69	62	63	61	60	67	75	84	90	101	113	118	122	121	114	107	99	98	93	92	88	122	
10	95	92	85	84	82	77	71	69	68	75	83	94	105	113	120	125	125	125	129	113	98	95	95	91	96	129	
11	88	81	81	77	74	69	69	72	69	75	[ZS]	84	93	105	108	109	106	107	107	104	107	98	90	87	90	109	
12	83	80	81	82	77	78	76	74	66	72	75	78	84	90	103	110	108	102	93	86	81	79	78	78	84	110	
13	77	77	77	77	72	70	66	61	60	63	68	76	[ZS]	87	87	85	81	82	83	76	74	73	72	67	74	87	
14	68	69	68	65	60	62	61	55	56	59	62	68	74	82	87	90	90	78	80	75	79	75	74	72	71	90	
15	68	66	59	72	65	63	63	63	54	54	[PC]	72	83	86	87	88	86	80	72	71	70	70	70	69	71	88	
16	66	67	64	63	61	59	54	57	52	58	65	68	75	81	83	84	82	81	80	81	79	75	75	75	70	84	
17	78	78	77	76	74	73	73	69	64	67	67	70	71	73	64	71	75	76	67	72	72	71	68	67	71	78	
18	65	66	61	54	50	45	39	33	33	35	42	[ZS]	48	59	64	74	79	78	77	76	66	60	54	48	57	79	
19	52	54	56	57	52	53	46	45	43	49	55	61	78	91	88	87	87	85	84	77	[IN]	[IN]	[IN]	[IN]	65	91	
20	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[ZS]	82	86	89	87	87	88	85	80	70	68	59	55	49	76	89	
21	61	74	74	74	74	75	73	73	72	72	73	78	79	84	84	83	81	83	84	78	75	75	74	75	76	84	
22	74	71	63	60	65	64	63	60	61	63	68	[ZS]	74	79	80	79	78	76	75	73	69	70	61	69	80		
23	66	72	68	63	59	56	56	51	50	49	57	65	68	80	82	81	78	75	72	67	59	55	55	53	64	82	
24	49	47	41	44	40	39	32	35	32	39	48	59	83	87	87	86	83	80	75	69	62	58	45	44	57	87	
25	51	48	46	36	32	26	26	16	23	30	35	43	56	68	74	76	76	75	62	50	44	41	34	33	46	76	
26	33	34	31	32	27	22	19	23	21	27	[ZS]	60	68	86	95	96	95	90	82	79	76	69	67	64	56	96	
27	65	67	67	81	88	96	96	88	84	82	83	84	86	87	[CA]	77	79	69	59	53	51	53	54	75	96	96	
28	50	48	48	42	41	38	32	32	32	45	70	71	78	84	89	89	90	86	80	65	58	54	50	52	59	90	
29	50	46	49	47	56	52	51	53	55	51	72	[PC]	85	88	92	93	92	87	80	81	73	63	53	52	66	93	
30	49	47	48	43	42	43	41	37	38	49	56	66	70	74	81	85	87	85	74	61	53	49	47	44	57	87	
31	46	42	37	35	33	34	31	31	32	37	44	58	72	75	81	85	86	86	79	79	83	86	81	75	60	86	
AV	65	65	63	62	60	59	57	55	54	58	64	71	77	84	87	89	88	86	82	77	74	71	68	66	70	129	
SD	14	14	14	15	16	17	18	18	17	15	12	11	11	10	13	13	13	13	14	13	13	14	14	14	14	18	11

OZONE (CC:11)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHARZA, UTAH
 SITE 6

FEB, 1982

AEROSOL ENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	70	62	62	69	72	68	61	58	62	67	70	75	74	[CA]	79	81	81	77	68	71	76	77	75	72	71	71	81
2	70	67	65	58	54	49	45	43	45	53	73	76	79	80	79	78	76	72	70	68	65	67	71	71	66	71	80
3	71	73	72	73	70	67	63	58	73	72	71	73	[ZS]	75	76	75	75	74	74	74	72	70	68	70	68	71	76
4	67	67	67	66	64	64	64	63	64	65	66	68	69	72	74	75	75	75	76	76	75	74	74	70	70	70	76
5	65	63	59	58	58	57	57	58	58	57	63	66	[ZS]	81	80	83	84	81	76	72	64	66	66	66	67	64	89
6	63	63	63	62	57	49	56	56	56	56	66	67	72	84	86	89	89	89	85	72	64	66	68	63	68	68	89
7	59	52	53	52	47	49	43	40	42	54	65	69	73	82	91	97	101	97	89	81	68	68	66	64	67	101	
8	61	58	55	55	58	60	58	58	57	64	74	[ZS]	94	100	102	104	95	92	88	88	88	83	74	69	75	104	
9	70	65	62	60	59	59	59	56	58	64	77	84	86	85	89	89	91	89	85	74	64	61	62	64	71	91	
10	60	62	59	57	60	62	64	58	58	61	67	77	[ZS]	96	96	95	92	94	88	74	66	64	63	57	71	96	
11	56	55	53	49	52	54	49	43	44	53	[PF]	96	99	102	104	103	101	96	81	70	69	66	63	61	70	104	
12	60	58	59	56	50	52	49	48	50	60	69	[PC]	86	93	99	103	102	98	87	71	65	63	58	55	69	103	
13	54	52	53	48	48	46	45	45	48	54	68	85	80	93	97	101	99	94	84	77	80	76	67	61	69	101	
14	63	59	59	55	55	55	48	45	49	58	68	79	87	90	94	88	89	90	80	67	66	59	57	48	67	94	
15	45	38	41	34	32	37	32	31	35	34	43	48	56	62	64	67	65	61	55	50	45	45	49	51	47	67	
16	45	42	45	42	36	36	35	31	42	43	[ZS]	52	57	59	60	53	47	50	53	45	35	30	29	27	43	60	
17	23	26	23	25	24	23	28	32	31	33	[ZS]	45	49	52	78	80	80	77	67	52	45	46	45	47	80	80	
18	22	19	23	21	18	18	15	19	42	51	53	69	67	72	78	80	80	77	67	52	52	52	46	45	47	80	
19	45	41	34	39	35	33	29	24	31	40	[ZS]	58	62	72	74	74	74	68	67	59	52	51	51	48	50	74	
20	45	41	36	33	31	26	25	23	28	40	52	62	65	73	83	84	82	76	73	56	56	46	44	42	51	84	
21	37	34	34	28	23	26	21	23	29	34	53	65	68	77	82	84	86	83	72	54	50	49	42	38	50	86	
22	35	28	27	27	32	27	24	23	26	28	42	[ZS]	69	78	79	80	78	76	60	57	66	58	54	56	49	80	
23	68	70	67	58	64	64	57	60	61	69	71	75	79	80	83	83	83	75	70	68	57	44	44	44	67	83	
24	45	43	36	32	32	36	33	25	38	59	66	71	[ZS]	79	81	78	74	74	66	57	42	36	36	35	51	81	
25	35	33	27	25	25	23	23	28	37	55	69	77	78	82	83	83	83	79	74	56	51	50	46	42	50	83	
26	41	37	32	35	30	30	25	19	31	42	54	[PC]	68	78	76	75	75	75	68	58	56	51	42	42	51	78	
27	35	33	33	27	29	32	29	39	35	41	51	63	71	83	85	81	84	82	79	75	73	67	60	52	56	85	
28	46	42	38	36	33	32	32	27	34	43	48	70	78	84	91	90	89	86	70	58	58	66	64	56	57	91	
AV	52	49	48	46	45	44	42	40	45	51	61	70	73	80	83	83	83	80	73	65	61	59	56	53	60	104	
SD	15	15	15	15	16	15	16	15	13	12	11	11	12	12	12	12	12	13	11	12	13	14	14	13	20	[]	

OZONE [CC:11]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH
 SITE 6

MAR, 1982

AEROVIROHMMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *
 * *****

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	53	46	41	41	40	37	36	26	33	39	[ZS]	[IN]	44	62	76	70	71	72	71	70	68	69	68	66	66	55	76
2	63	62	57	50	45	37	33	29	43	[CA]	[CA]	69	71	74	75	77	71	71	71	70	69	76	73	66	62	77	
3	62	67	64	73	68	69	67	64	67	67	74	75	75	76	76	75	74	71	69	72	72	73	69	66	70	76	
4	63	62	60	55	54	62	62	58	58	60	62	71	72	73	73	74	71	69	66	66	58	59	49	44	63	74	
5	40	40	43	44	36	33	43	41	40	52	59	65	[ZS]	68	70	71	70	72	64	59	62	68	61	56	55	72	
6	54	53	53	51	54	52	50	51	53	63	68	69	70	73	74	75	77	77	68	58	52	46	45	49	60	77	
7	45	43	41	45	43	41	46	43	43	41	[ZS]	65	69	71	76	78	70	64	54	56	51	51	45	45	55	78	
8	45	39	39	37	39	31	35	32	33	38	38	48	48	55	63	71	70	70	68	66	58	59	61	60	50	71	
9	60	49	54	50	55	48	45	47	44	58	68	75	80	82	83	86	87	88	86	78	68	69	66	65	66	88	
10	68	72	64	51	42	43	42	41	38	44	[ZS]	59	73	75	80	86	84	87	87	86	88	80	59	52	65	88	
11	59	51	51	48	47	42	38	37	40	[PC]	62	66	66	67	65	65	66	63	60	55	54	52	48	47	54	67	
12	47	50	52	70	69	74	75	76	75	81	91	97	98	100	97	95	95	94	90	86	75	57	56	53	77	100	
13	47	47	40	37	41	41	40	40	48	60	67	77	76	77	79	79	78	77	69	57	47	43	40	38	56	79	
14	35	34	34	33	31	30	30	29	34	42	43	47	56	67	67	66	67	65	58	64	62	59	59	45	48	67	
15	49	45	51	54	52	45	54	51	59	69	73	73	78	80	80	82	80	78	76	66	70	71	59	60	68	82	
16	56	53	50	53	60	62	62	66	72	75	76	77	78	80	84	84	82	80	77	66	60	55	47	44	69	84	
17	63	56	75	75	72	67	59	56	66	75	75	[ZS]	79	84	84	82	81	80	77	64	60	55	47	44	69	84	
18	49	44	42	38	33	32	33	42	48	64	83	86	85	84	83	81	81	79	80	81	81	79	77	70	80	91	
19	91	88	86	83	79	79	77	76	67	79	[ZS]	83	83	81	80	81	78	79	80	81	81	79	77	70	80	91	
20	72	63	66	67	66	68	71	67	75	79	80	80	80	79	80	80	81	81	73	78	68	68	63	49	73	81	
21	42	40	47	46	45	44	41	45	53	74	75	74	78	81	81	83	83	78	77	64	68	65	66	63	63	83	
22	60	59	60	52	52	51	49	52	62	76	[ZS]	86	87	86	83	85	84	84	80	68	58	93	89	66	71	93	
23	72	71	69	63	61	65	71	71	79	84	89	89	88	88	88	87	87	86	84	70	53	57	53	52	74	89	
24	49	47	46	44	45	51	58	56	65	79	81	80	81	83	83	80	80	75	79	80	80	67	66	67	68	83	
25	67	66	64	57	53	39	30	34	54	59	65	68	73	75	78	80	78	75	68	58	45	49	45	41	59	80	
26	45	40	45	40	36	32	29	27	34	[PC]	71	71	71	69	69	70	69	65	67	67	60	56	50	50	50	71	
27	58	51	45	37	37	29	27	28	35	43	69	81	75	75	76	78	77	74	67	66	64	63	62	66	66	81	
28	62	65	56	54	60	63	64	60	65	71	75	77	81	80	81	81	84	84	80	81	78	71	71	81	81	72	84
29	83	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	80	83	85	85	77	77	71	74	71	52	44	74	85	
30	41	44	44	36	41	44	59	67	67	76	79	79	82	80	79	79	79	81	79	68	58	52	50	53	63	85	
31	45	42	36	32	23	27	26	32	37	49	55	77	73	82	84	83	80	78	77	76	76	75	76	75	75	59	84
AV	56	53	53	51	49	48	46	48	53	63	70	74	75	77	78	79	78	77	74	69	65	64	60	57	63	100	
SD	13	13	12	13	13	15	16	15	15	15	13	11	11	9	7	7	7	7	8	9	10	11	11	12	16	100	

0209E (CC:11)

NITROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

APR, 1982

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	77	76	74	77	77	75	70	62	72	76	78	80	79	80	79	78	79	79	78	80	80	78	77	75	77	80	
2	74	79	81	81	80	79	78	78	78	78	[CA]	[CA]	[CA]	[CA]	59	62	55	61	61	59	55	49	43	41	67	81	
3	35	40	34	29	31	38	37	36	33	41	49	56	56	56	62	62	62	61	58	54	53	59	60	60	46	62	
4	58	60	60	52	50	45	40	39	48	65	65	65	64	65	63	62	61	63	68	68	68	66	65	61	59	68	
5	58	56	52	47	47	41	38	43	55	60	60	60	59	[23]	59	59	57	56	54	50	49	42	36	34	51	60	
6	38	33	29	30	29	28	25	32	36	46	53	56	64	66	65	65	64	62	56	49	49	47	41	41	45	66	
7	46	43	43	43	49	61	66	68	67	70	69	66	63	65	67	65	65	65	63	59	52	48	46	42	59	70	
8	43	42	41	42	41	38	33	39	51	60	63	65	65	65	66	65	66	66	67	66	66	63	62	60	56	67	
9	57	56	50	46	39	38	38	43	50	64	[PC]	65	66	68	69	69	68	69	70	67	64	62	61	52	59	70	
10	53	49	50	45	44	37	37	47	55	62	65	67	68	68	68	69	72	72	68	71	66	67	68	66	60	72	
11	59	55	52	51	57	67	47	45	64	66	62	61	61	60	58	60	53	53	54	47	43	37	40	44	54	67	
12	51	55	59	58	62	58	53	49	59	54	59	63	65	63	64	66	65	64	62	59	49	41	38	35	57	66	
13	31	33	31	26	24	22	22	30	39	54	59	63	65	63	64	63	64	66	65	64	62	55	59	51	55	49	67
14	57	58	51	55	50	46	36	37	54	68	76	[23]	75	73	77	78	75	74	70	70	54	53	50	48	60	78	
15	46	45	48	48	42	39	36	49	62	68	70	69	69	70	74	75	76	76	75	76	73	72	66	67	62	76	
16	66	62	63	63	63	61	60	63	63	65	69	74	[25]	79	82	84	83	82	79	77	77	58	57	50	68	84	
17	45	45	43	43	43	42	42	43	57	71	74	78	81	79	79	77	79	81	78	68	61	57	56	60	62	81	
18	57	49	46	44	40	38	39	43	49	66	72	74	76	75	74	76	75	75	77	77	77	77	78	74	64	78	
19	74	72	71	66	54	51	51	61	72	75	78	82	84	80	78	80	78	79	81	79	77	75	72	72	73	84	
20	70	69	68	65	65	64	62	69	72	74	[23]	70	69	70	71	73	74	76	73	71	67	66	64	64	69	76	
21	61	57	52	52	49	42	40	52	61	71	77	80	82	[SA]	[SA]	[SA]	72	69	67	69	65	62	54	47	61	82	
22	46	43	43	39	40	40	37	38	50	58	64	68	73	77	77	77	77	77	74	71	57	56	61	60	58	77	
23	51	47	41	44	47	41	40	41	69	78	73	[PC]	74	76	72	68	69	69	67	67	65	69	67	65	61	78	
24	61	56	56	54	53	48	44	49	63	77	83	85	82	80	80	79	80	80	80	91	90	81	76	69	71	91	
25	64	59	53	50	48	45	46	50	61	76	84	85	84	84	82	84	82	82	79	80	79	68	55	55	68	85	
26	52	46	49	46	45	42	50	53	57	64	84	86	86	86	87	85	81	82	76	80	81	79	70	68	68	87	
27	63	62	56	58	40	41	42	57	65	75	78	81	81	81	81	81	81	81	80	74	61	52	46	50	65	82	
28	47	45	41	38	36	40	37	45	63	73	76	78	[25]	75	75	73	72	71	75	75	69	68	68	69	61	78	
29	66	74	73	67	62	71	73	77	82	85	80	79	81	87	87	89	89	90	88	80	79	86	82	76	79	90	
30	72	76	77	79	65	53	51	59	66	76	83	87	91	95	95	92	91	89	86	75	67	60	57	54	75	95	
AV	56	55	53	51	49	48	46	50	59	67	70	72	72	73	73	73	72	72	71	69	64	62	59	57	62	95	
SD	12	13	13	14	13	14	14	13	12	11	10	10	10	9	9	9	10	9	9	10	12	12	12	12	15	11	

OZONE (CC:11)

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

MAY, 1962

AEROENVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	36	36	30	30	32	32	30	38	51	53	57	66	64	62	64	68	66	64	68	59	55	57	51	46	51	48	
2	32	23	21	21	17	17	17	27	38	48	59	65	65	63	65	65	63	59	54	44	40	35	35	56	43	58	
3	46	58	54	42	42	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	58
4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	[]
5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	67
6	30	26	24	26	26	28	28	34	46	59	69	71	73	71	73	69	65	59	65	53	44	42	36	32	36	56	75
7	51	46	46	38	40	40	38	46	38	48	52	54	58	56	62	64	62	56	54	48	37	35	35	37	43	64	84
8	41	43	35	29	25	31	31	37	49	49	64	63	70	78	80	84	82	75	75	73	61	69	61	69	58	84	84
9	71	71	73	63	73	65	63	65	69	71	67	71	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	79	95
10	66	86	80	76	67	66	75	77	81	90	93	94	98	93	91	94	95	95	93	88	88	87	91	84	79	95	95
11	53	53	48	44	41	38	31	28	47	59	62	71	75	80	87	93	94	91	92	96	90	84	75	61	71	96	102
12	53	53	48	44	41	38	31	28	47	59	62	71	75	80	87	93	94	91	92	96	90	84	75	61	71	96	102
13	70	69	72	72	75	67	54	67	81	88	90	93	[CA]	[CA]	[CA]	92	89	86	82	77	65	59	43	75	93	93	93
14	48	48	40	37	36	28	31	46	72	83	84	86	[ZS]	79	93	92	94	91	91	88	82	79	64	57	67	94	94
15	55	48	44	41	38	34	36	41	58	71	93	102	101	100	105	103	104	103	93	80	88	85	73	66	73	105	104
16	53	47	40	36	32	30	26	36	69	77	[ZS]	89	89	89	91	93	91	93	85	69	59	50	50	48	63	93	93
17	53	47	40	36	32	30	26	36	69	77	[ZS]	89	89	89	91	93	91	93	85	69	59	50	50	48	63	93	93
18	42	44	46	50	48	42	42	40	71	89	97	105	103	99	107	113	107	99	99	99	99	97	37	71	79	113	113
19	67	60	62	54	54	60	87	113	121	[ZS]	115	135	127	123	125	111	110	107	93	80	64	66	83	93	135	135	135
20	75	61	57	42	49	44	43	45	59	85	91	97	99	98	103	105	105	105	103	95	84	77	67	66	77	105	105
21	65	53	49	45	44	43	43	43	49	65	[ZS]	90	98	94	98	100	94	94	88	78	78	72	62	56	72	100	100
22	44	38	36	34	32	24	34	38	58	74	78	80	82	92	88	86	88	94	90	84	78	68	60	62	64	94	94
23	58	54	52	46	42	29	29	36	48	68	80	86	90	88	92	96	90	92	88	88	82	76	62	52	68	96	96
24	29	33	43	33	25	25	25	31	41	73	88	94	94	102	100	94	96	95	92	87	79	81	91	81	73	102	102
25	65	45	31	31	29	29	31	41	69	67	79	85	[ZS]	87	87	93	101	105	91	87	83	83	83	86	77	105	105
26	82	70	61	59	53	49	51	61	69	67	79	85	[ZS]	87	87	93	101	105	91	87	83	83	83	86	77	105	105
27	88	81	79	76	70	64	66	58	69	72	73	79	84	85	81	80	78	75	71	70	70	70	68	67	74	88	88
28	76	64	59	63	91	102	108	109	108	109	104	121	68	102	100	102	101	103	101	103	101	97	94	82	75	95	121
29	76	68	59	51	51	50	55	61	75	83	97	95	95	99	103	111	114	109	111	107	99	92	85	85	95	114	114
30	106	91	89	85	83	81	82	81	83	81	88	87	89	91	97	98	97	95	95	95	77	71	70	60	86	106	106
31	50	39	32	30	29	29	30	40	54	60	79	[ZS]	88	93	96	98	100	101	98	92	82	70	65	62	66	101	101
AV	60	55	52	48	46	43	46	54	66	74	82	87	87	86	89	90	90	90	87	82	77	72	68	64	70	135	135
SD	19	17	18	18	19	20	21	21	18	15	15	18	16	15	16	16	16	16	16	16	17	16	16	14	24	[]	[]

OZONE [CC:11]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

JUN, 1982

AEROSOL/IRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	FEAK	
1	64	55	50	50	44	38	42	42	66	78	96	114	112	112	109	111	107	101	101	91	97	97	97	91	82	114	
2	87	79	71	61	60	58	57	65	80	91	93	95	96	95	97	98	97	96	98	99	96	97	99	95	86	99	
3	84	73	71	71	61	59	56	59	72	82	86	94	100	103	104	104	103	102	102	96	84	85	70	64	83	104	
4	69	62	59	50	50	46	46	60	90	110	116	115	113	115	115	116	117	119	115	109	100	98	91	74	90	119	
5	91	90	97	96	78	72	67	77	89	109	118	117	115	109	111	112	112	116	106	91	92	95	90	83	98	119	
6	83	70	68	61	77	77	78	79	86	87	88	89	94	97	98	101	106	107	102	98	90	70	69	85	107		
7	76	65	61	54	49	47	47	58	72	80	92	100	113	113	117	118	117	120	123	123	123	113	111	78	90	123	
8	118	102	99	90	90	84	78	48	50	62	90	104	104	99	105	110	113	117	123	122	97	85	81	73	93	123	
9	77	79	78	78	69	65	60	62	67	78	81	85	73	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	[IM]	73	85
10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[]	[]
12	56	52	51	49	52	48	47	48	60	72	78	81	85	87	90	89	87	87	87	83	79	67	62	63	69	90	
13	63	54	51	53	50	47	44	52	64	73	81	83	86	92	94	96	88	90	88	82	74	78	78	74	72	96	
14	71	57	62	64	56	59	57	51	76	95	94	97	101	98	99	101	100	101	97	95	93	87	71	64	81	101	
15	64	55	55	55	52	49	46	50	59	79	86	86	87	86	84	82	81	83	85	83	76	64	53	51	65	87	
16	50	43	39	37	35	35	38	41	58	68	81	85	86	89	93	94	95	90	95	95	88	81	84	82	70	95	
17	87	75	70	65	52	46	42	54	63	78	88	90	92	93	99	81	80	93	91	82	71	79	77	82	76	99	
18	81	66	66	68	70	72	72	71	63	73	76	80	83	86	86	87	90	94	100	105	101	96	88	87	82	105	
19	93	79	68	60	56	51	51	64	76	88	86	98	100	100	100	98	99	88	90	82	85	80	71	66	80	100	
20	62	54	49	49	50	41	43	56	68	78	85	89	97	95	94	93	95	97	95	93	86	81	77	69	75	97	
21	66	57	54	52	49	43	44	51	42	90	86	89	87	97	91	92	95	89	93	95	95	87	82	79	75	97	
22	74	71	57	50	47	43	44	51	42	90	86	89	87	97	91	92	95	89	93	95	95	87	82	79	75	97	
23	67	53	50	44	38	37	40	45	59	72	79	[PC]	91	78	81	76	81	93	87	94	80	83	73	63	61	70	94
24	51	49	44	42	38	38	37	44	55	67	72	80	84	87	87	86	85	58	52	62	76	58	53	49	65	89	
25	49	45	43	36	40	43	39	41	49	63	72	[ZS]	97	92	82	47	38	36	61	71	61	41	32	26	52	97	
26	24	26	24	18	20	20	22	34	57	71	71	75	73	73	75	73	69	69	69	61	53	44	40	40	50	75	
27	32	30	28	22	20	20	18	26	48	59	65	73	65	55	61	63	61	61	61	57	50	53	51	42	47	73	
28	42	34	34	34	34	26	34	44	46	57	63	91	88	91	95	96	95	86	79	70	64	58	52	47	62	96	
29	52	42	37	39	50	51	51	53	61	[ZS]	74	69	67	68	66	63	61	60	58	58	48	41	37	35	54	74	
30	39	32	32	43	55	58	62	63	69	69	71	73	74	77	75	71	64	69	67	64	69	68	68	68	63	77	
AV	67	59	56	53	52	49	48	53	65	78	85	90	91	92	93	91	90	89	89	86	82	75	70	65	74	123	
SU	21	18	18	18	16	16	15	12	13	13	12	13	14	14	14	17	19	20	18	17	17	19	20	18	23	[]	

OZONE [CC:11]

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANNZA, UTAH
SITE 6

JUL, 1982

AEROENVIRONMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *
*

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	74	68	66	66	60	58	56	60	64	64	71	79	79	79	80	83	88	89	92	90	87	82	84	75	75	92	
2	74	59	56	53	52	49	48	55	68	77	83	89	90	89	88	88	92	92	103	102	104	100	85	71	63	74	92
3	62	57	49	48	45	42	42	51	65	70	78	83	87	88	93	98	100	103	102	104	100	85	82	69	75	104	
4	74	67	70	67	65	63	48	53	67	78	80	74	72	73	78	78	84	91	85	83	80	73	67	67	72	91	
5	62	51	48	46	42	40	43	46	61	65	70	72	75	80	85	90	95	92	101	96	92	82	72	53	69	101	
6	52	43	43	35	34	24	27	36	47	55	71	71	70	68	64	71	80	68	64	64	55	48	43	45	53	71	
7	43	46	40	37	34	33	32	38	49	61	71	79	85	98	93	89	81	87	86	76	78	74	74	66	58	98	
8	74	61	61	57	51	47	50	49	55	[CA]	[CA]	59	70	68	65	65	63	63	59	53	37	33	31	29	55	74	
9	25	25	16	16	16	16	21	16	25	33	[PC]	64	74	79	80	82	82	81	84	91	68	59	55	46	53	91	
10	47	46	37	43	40	40	45	45	57	69	82	91	102	100	96	96	96	96	96	73	82	75	60	57	70	102	
11	59	60	53	51	43	42	37	47	56	68	85	94	100	101	99	99	98	98	88	97	84	73	65	58	73	101	
12	60	49	41	39	40	38	41	47	58	71	88	95	101	101	93	92	92	86	86	83	75	65	60	51	69	101	
13	50	45	35	29	29	35	37	40	58	65	74	79	83	86	91	88	86	88	86	83	80	71	73	67	65	91	
14	72	56	50	46	43	39	36	42	50	99	104	103	105	104	103	104	108	110	93	99	79	70	69	64	77	110	
15	63	57	63	46	46	50	47	54	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	[SA]	89	90	103	92	93	80	72	65	52	70	103	
16	73	50	64	65	60	52	47	44	73	76	86	87	89	87	84	84	83	83	83	79	81	70	59	51	71	89	
17	53	47	42	52	32	34	33	29	23	69	87	85	87	85	86	87	87	90	92	95	94	79	63	66	67	95	
18	66	61	59	53	44	41	39	44	50	72	96	97	101	100	99	100	100	101	101	96	90	81	64	61	76	101	
19	51	40	42	38	38	29	30	34	73	81	85	[ZS]	91	77	77	81	85	87	83	52	71	60	68	60	62	91	
20	48	[PF]	40	40	42	38	38	44	62	73	77	91	93	90	91	88	84	84	59	80	78	49	65	60	66	93	
21	60	50	45	41	37	34	33	41	[ZS]	75	76	78	71	67	87	84	83	78	78	76	71	73	67	63	64	87	
22	55	47	46	45	41	41	35	42	37	56	78	83	110	115	85	87	87	87	89	82	82	71	60	58	68	115	
23	60	66	71	74	70	64	56	57	77	87	89	91	91	95	91	90	90	89	91	90	78	76	49	43	76	95	
24	47	31	16	25	30	26	31	47	59	74	78	85	85	84	83	85	87	81	86	83	79	70	70	68	63	91	
25	66	64	61	48	43	40	35	40	51	70	82	83	85	87	89	91	93	90	83	74	72	77	81	74	70	93	
26	74	66	56	38	51	31	32	38	54	63	[ZS]	81	88	90	77	77	77	79	83	83	81	57	31	20	62	90	
27	50	42	38	31	36	40	43	45	48	50	57	69	77	82	80	81	84	86	84	70	51	58	56	42	58	86	
28	32	24	22	21	19	22	16	13	16	33	41	56	62	68	77	71	76	80	75	75	61	47	30	38	46	88	
29	34	30	28	32	24	25	25	34	43	54	[ZS]	61	63	65	61	67	68	65	63	60	66	60	63	60	50	68	
30	44	41	27	21	16	19	17	24	47	71	65	72	76	71	69	74	77	76	74	68	58	43	43	41	51	77	
31	43	38	35	35	33	32	30	33	46	67	75	77	79	77	72	73	74	74	72	69	55	44	42	41	55	79	
AV	57	50	46	43	41	38	37	42	53	68	78	81	85	86	84	85	86	86	84	81	75	66	61	55	65	115	
SD	13	12	15	14	13	11	10	10	14	12	12	11	12	12	11	10	10	10	11	13	14	13	15	13	22	[]	

0.20NE [CC:11]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

AUG, 1982

AEROVIROHMENT INC.

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	FEAK
1	42	41	37	35	32	29	28	33	43	53	61	67	71	69	69	70	72	77	83	76	78	86	85	76	59	86
2	79	72	80	74	61	57	52	61	64	70	73	76	78	79	81	68	67	51	39	39	53	43	35	40	62	81
3	48	60	52	42	43	51	55	59	62	67	73	73	75	73	74	76	77	81	85	81	73	64	56	50	65	85
4	56	49	47	42	36	35	32	34	43	58	66	66	71	73	74	74	74	75	75	76	77	71	69	59	60	77
5	57	51	51	44	39	36	35	38	47	[CA]	70	80	87	86	88	89	89	87	80	52	74	64	61	51	63	89
6	64	54	50	43	43	39	36	38	48	69	77	84	[PC]	94	93	93	94	97	96	86	71	56	63	64	67	97
7	61	52	48	41	43	36	36	40	56	72	78	81	82	88	85	89	97	93	85	79	83	82	89	95	70	97
8	103	96	89	97	88	75	69	80	85	99	99	100	99	99	96	93	94	96	96	95	100	88	81	72	91	103
9	69	54	42	32	27	30	22	31	55	66	74	78	80	84	88	94	84	85	81	77	66	58	54	53	62	94
10	51	40	37	36	32	28	28	35	55	[ZS]	80	85	89	92	91	91	89	91	88	77	85	81	78	74	67	92
11	79	72	79	80	80	76	61	61	67	70	79	82	82	83	84	88	81	66	71	61	55	43	41	34	70	88
12	33	50	47	48	48	40	31	38	55	[ZS]	86	96	99	100	99	93	96	96	94	90	89	84	73	63	72	100
13	58	52	46	46	46	60	68	78	70	73	89	[ZS]	90	98	98	97	99	101	100	88	77	59	50	31	73	101
14	27	24	24	22	21	19	23	30	43	55	67	70	79	88	94	94	92	93	90	83	72	55	43	40	56	94
15	38	35	31	27	22	24	21	29	42	69	76	80	81	81	71	81	89	89	79	77	73	78	68	66	59	69
16	73	69	69	64	55	50	43	49	53	70	84	86	89	91	89	89	86	85	75	76	59	40	31	32	67	91
17	31	27	20	18	20	24	21	29	43	51	[ZS]	91	87	81	86	73	83	89	75	102	113	102	99	89	63	113
18	95	77	74	96	100	95	69	77	95	106	113	108	106	111	111	113	117	119	114	114	100	92	84	75	98	119
19	70	62	58	52	49	49	48	56	62	81	[ZS]	107	123	126	120	121	118	119	116	105	65	67	61	69	83	126
20	90	65	63	56	53	44	43	42	52	76	83	[PC]	102	119	124	122	124	126	122	117	77	128	118	113	90	129
21	121	103	103	90	88	79	66	68	77	106	116	118	121	129	136	126	121	133	125	130	119	106	91	64	106	136
22	72	67	61	66	53	47	42	51	61	70	107	121	123	125	128	124	123	124	123	109	97	89	74	64	88	128
23	69	51	52	45	44	38	34	49	69	94	99	[ZS]	112	114	113	112	118	109	104	99	95	95	93	96	83	118
24	90	99	99	87	83	68	65	67	76	82	90	98	104	107	110	107	103	106	105	100	89	87	79	71	91	110
25	79	66	59	58	55	61	54	67	117	107	[ZS]	107	108	110	115	113	110	103	109	105	95	94	96	86	90	117
26	83	70	66	79	67	59	58	62	84	98	107	106	105	112	106	104	99	97	100	98	86	79	72	70	86	112
27	66	60	60	50	47	41	41	49	53	79	[ZS]	109	110	110	108	110	110	106	105	95	85	76	68	69	79	110
28	72	69	65	60	60	41	51	54	71	83	103	110	111	113	106	105	107	118	119	113	107	93	82	75	87	119
29	98	87	93	93	79	63	51	56	83	91	101	108	129	[IN]	117	115	114	112	100	89	85	93	85	82	92	129
30	77	62	59	55	52	46	41	44	58	84	101	107	115	112	114	106	113	122	128	115	94	83	68	66	84	123
31	70	61	56	48	48	48	45	44	54	63	93	[CA]	97	97	97	97	102	100	87	71	69	62	50	71	102	
AV	68	61	59	56	52	48	44	50	63	77	87	92	97	98	99	97	98	98	96	90	83	78	71	65	76	136
SD	22	19	20	22	21	18	15	15	17	16	15	16	17	17	17	16	16	18	20	20	16	20	20	19	26	[]

0.20UM (CC:111)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

SEP, 1982
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	50	40	39	38	36	35	36	41	46	66	85	90	103	[CA]	97	94	97	100	100	86	73	67	59	55	57	59	103
2	62	54	52	51	49	51	45	46	50	65	77	93	109	113	109	109	68	102	81	76	58	62	59	56	71	67	113
3	51	47	44	42	38	37	34	35	49	61	75	95	[PC]	97	95	95	63	99	87	82	73	79	71	65	66	66	99
4	64	61	52	49	44	40	38	44	50	80	88	105	122	127	126	132	131	133	132	127	107	109	101	92	90	133	
5	105	106	106	103	103	99	91	89	93	64	106	111	112	113	105	93	85	83	77	67	54	46	37	30	67	113	
6	33	27	18	20	19	18	16	21	34	52	77	[2S]	90	96	62	65	83	79	83	87	68	63	68	62	54	96	
7	62	52	46	46	44	46	46	38	35	49	58	65	80	82	70	70	70	54	63	35	20	16	18	18	52	82	
8	18	20	20	22	22	23	23	25	27	34	58	71	73	71	73	71	66	63	52	49	47	49	46	46	73	73	
9	42	32	28	30	30	27	23	28	46	65	70	70	80	75	75	75	71	77	73	65	51	80	82	68	58	82	
10	71	65	59	56	42	40	39	47	51	52	47	44	44	42	49	52	47	49	46	34	28	23	13	15	42	52	
11	52	42	44	49	52	40	39	47	51	52	47	44	44	42	49	52	47	49	46	34	28	23	13	15	42	52	
12	11	13	13	15	11	11	15	18	35	70	70	75	75	70	71	71	73	68	63	51	51	51	49	37	45	75	
13	25	20	22	22	28	25	30	37	40	39	47	52	51	58	56	58	47	49	39	59	65	56	52	43	65	75	
14	51	37	25	23	20	25	20	25	44	51	[2S]	66	77	75	77	77	66	58	61	71	66	63	54	44	51	77	
15	34	32	27	23	18	15	16	23	30	46	42	49	52	59	63	63	65	61	44	34	30	25	25	13	37	65	
16	11	11	11	8	8	11	6	10	[2S]	37	46	61	71	71	78	77	77	63	54	37	32	27	27	28	37	78	
17	23	20	16	16	20	20	23	22	23	51	65	[PC]	77	65	68	66	65	63	59	46	44	32	35	35	41	77	
18	32	30	27	25	20	20	18	20	27	42	49	59	65	68	66	65	63	51	49	46	46	44	37	37	42	68	
19	27	20	15	16	16	16	16	23	27	32	42	44	47	52	54	47	46	40	37	27	25	18	20	32	54		
20	30	23	16	16	15	11	15	22	27	37	35	[2S]	49	54	58	59	59	54	46	28	27	25	18	20	32	59	
21	15	15	16	15	11	10	8	16	20	27	47	56	61	65	66	71	65	59	52	47	39	37	30	27	36	71	
22	25	27	20	18	18	16	16	20	25	[2S]	68	73	71	68	70	63	71	63	63	52	47	46	42	39	44	73	
23	35	30	20	15	16	15	15	18	28	37	59	65	68	70	63	65	58	52	34	34	32	27	34	27	39	70	
24	25	22	22	20	20	20	16	20	25	39	49	63	66	71	77	78	73	63	46	40	32	34	34	28	41	76	
25	20	25	27	32	28	32	23	16	25	25	35	49	63	63	61	59	46	34	34	30	20	20	20	34	63		
26	16	35	40	42	44	34	23	32	32	35	44	52	58	51	54	47	46	42	34	34	27	28	32	30	38	59	
27	34	39	37	39	39	35	32	27	28	47	[2S]	54	63	68	59	66	82	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	47	
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	
AV	38	35	32	32	30	29	28	31	38	49	60	67	72	74	74	73	69	68	61	54	48	47	44	40	50	133	
SD	22	20	20	20	19	18	18	18	17	15	19	20	21	20	18	19	17	21	23	23	20	22	21	19	25	[]	

OZONE [CC:11]

MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHANZA, UTAH
SITE 6

OCT, 1962

AEROVIRONMENT INC.

*
* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	62	52	50	48	38	38	42	47	45	57	67	68	72	68	72	78	83	85	87	88	88	82	73	68	65	88
2	63	63	53	42	43	38	35	43	43	57	63	63	67	70	70	73	75	70	60	38	35	32	25	27	52	75
3	27	22	20	22	20	20	19	22	27	38	50	62	65	73	68	68	62	57	47	47	35	28	35	35	40	73
4	35	32	28	28	27	24	27	25	35	42	52	60	75	80	83	82	75	72	58	53	58	52	58	55	51	83
5	45	42	42	53	65	65	60	53	67	88	98	100	101	98	90	88	85	77	75	67	63	47	38	40	69	101
6	33	33	37	35	28	28	28	30	40	53	65	73	72	72	72	72	73	72	55	37	33	37	35	33	48	73
7	30	27	27	25	25	25	22	25	32	38	45	58	65	73	82	83	87	82	88	88	90	92	85	82	57	92
8	82	78	77	73	65	62	53	58	62	70	72	72	77	75	73	75	75	73	73	75	75	75	62	58	70	82
9	47	40	37	37	32	35	40	50	65	73	77	75	75	75	75	73	65	63	55	60	63	53	50	56	77	77
10	47	40	35	33	25	25	24	19	32	50	60	68	70	68	70	67	70	67	58	57	47	42	30	32	47	70
11	28	24	24	24	24	25	24	28	28	45	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
12	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
13	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
14	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
15	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
16	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
17	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
18	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
19	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
20	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
21	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
22	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
23	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
24	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
25	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
26	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
27	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
28	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
29	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
30	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
31	40	35	33	28	28	24	24	33	43	57	62	68	70	80	78	80	75	60	53	52	43	40	37	38	46	80
AV	45	41	39	37	35	34	33	35	41	54	64	70	74	76	76	76	76	71	65	59	57	54	48	47	54	101
SD	17	17	16	15	15	15	13	13	13	15	14	12	10	8	7	6	7	9	13	19	21	21	19	17	21	101

SULFUR DIOXIDE (CC14)
MICROGRAMS/CUBIC METER

WHITE RIVEK SHALE PROJECT, #139
BORONZO, UTAH
SITE 6

JAN, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

DT	CLOCK HOUR (LOCAL STANDARD TIME)																															AVE	PEAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23									
1	5	9	7	7	6	7	7	6	6	7	5	7	7	8	9	7	9	6	6	13	6	6	8	8	7	13							
2	13	16	12	13	13	16	11	14	14	11	13	10	9	11	12	11	12	11	12	18	16	17	17	19	13	19							
3	21	13	16	17	17	18	19	16	18	14	17	14	14	12	15	10	7	10	7	10	11	7	9	14	21								
4	9	7	10	11	12	12	13	11	14	12	12	10	10	10	10	10	13	10	10	13	10	12	9	8	11	14							
5	10	12	10	10	7	9	6	11	9	9	9	8	7	6	9	10	8	6	6	6	6	5	6	6	8	12							
6	3	5	5	3	4	4	5	4	6	6	8	7	4	6	6	6	6	6	6	6	6	4	2	0	5	9							
7	2	5	9	14	12	15	10	14	12	8	5	1	2	7	4	5	6	10	12	8	9	8	9	8	11	8	15						
8	11	8	12	12	15	13	12	11	13	11	16	13	9	12	12	9	10	8	11	9	9	13	11	10	11	16							
9	9	8	9	11	7	9	6	9	9	12	11	7	9	10	7	10	8	10	9	7	7	9	9	8	11	13							
10	10	8	8	10	11	10	12	10	11	9	8	9	12	10	9	7	7	6	6	6	6	3	8	7	9	12							
11	8	9	9	10	8	8	10	8	6	11	10	12	9	9	10	7	9	7	6	11	9	9	10	8	9	12							
12	5	6	3	5	4	3	4	5	2	7	6	5	6	7	11	4	6	6	6	6	3	2	7	4	5	11							
13	10	8	12	9	11	9	7	9	8	11	10	11	14	10	10	6	6	8	10	9	11	6	6	11	9	14							
14	7	10	11	10	10	8	9	10	13	13	13	13	15	16	12	13	12	15	13	13	15	12	14	17	13	17							
15	17	17	18	21	21	19	18	16	16	12	11	13	14	10	14	14	8	4	7	4	7	5	5	6	8	13	21						
16	7	8	9	7	10	13	8	10	8	10	8	12	7	7	4	6	6	4	2	2	7	7	7	6	7	13							
17	5	5	6	6	6	6	7	5	6	7	8	4	6	5	3	3	2	6	8	8	8	6	7	6	6	8							
18	5	4	6	5	4	2	2	4	4	4	6	5	5	5	3	3	3	3	1	7	1	2	0	4	0	3	6						
19	5	5	5	4	6	7	7	3	5	8	5	9	11	5	4	6	5	7	7	9	9	4	7	7	6	11							
20	4	9	6	5	8	8	9	5	7	7	10	10	18	15	13	8	6	6	6	6	5	5	6	4	8	18							
21	4	5	3	5	5	4	6	6	7	10	10	18	15	13	8	6	6	6	6	6	6	5	5	6	4	8	18						
22	11	12	8	9	8	9	7	6	9	7	7	6	4	6	4	6	5	5	7	7	10	7	10	9	6	10							
23	7	7	5	7	9	7	8	7	6	9	8	10	4	8	7	8	9	10	9	7	7	5	8	9	9	12							
24	5	2	3	2	0	2	4	6	4	4	4	3	4	4	4	4	2	4	4	3	3	2	3	2	4	4	9						
25	6	5	2	7	9	10	8	9	12	9	8	5	6	5	6	5	5	5	5	3	5	5	5	4	4	6	12						
26	5	5	5	7	7	6	5	6	6	[ZS]	7	4	5	9	5	5	7	7	7	7	5	7	9	5	6	9	9						
27	6	5	6	7	6	7	5	10	8	8	7	5	9	7	6	6	6	6	6	6	11	6	6	13	7	13							
28	11	8	9	7	9	7	9	11	9	[CA]	12	5	7	8	8	8	8	6	6	6	7	7	6	7	4	8	12						
29	9	5	4	5	6	7	6	5	7	3	11	13	9	13	9	13	12	10	9	7	8	8	9	8	8	13							
30	7	5	4	2	1	3	1	2	5	6	3	4	4	2	6	2	3	6	4	3	4	1	1	2	3	7							
31	6	6	6	6	5	8	9	8	11	9	6	8	7	9	6	6	7	5	5	5	5	6	6	7	7	11							
AV	8	8	8	8	8	9	9	9	9	8	9	8	9	8	8	8	8	8	8	8	8	7	7	7	8	21							
SD	4	3	4	4	4	4	4	4	4	3	3	4	4	3	3	3	3	3	3	4	4	4	3	4	4	[]							

SULFUR DIOXIDE (CC:14)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BOHAINA, UTAH
SITE 6

FEB, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	7	3	4	5	5	7	6	4	9	8	6	7	8	8	7	6	7	5	6	5	5	8	9	8	6	9	
2	7	6	7	8	8	7	6	7	7	7	8	9	[ZS]	8	7	6	8	8	6	6	6	8	5	6	7	9	
3	6	7	5	9	4	7	5	3	6	8	7	6	[ZS]	7	6	7	8	6	6	9	10	9	11	13	7	13	
4	15	11	11	14	16	13	21	12	12	13	12	13	12	15	11	13	11	12	13	11	11	11	11	12	13	21	
5	8	9	7	9	10	9	10	8	8	8	11	8	[ZS]	8	9	10	12	8	3	5	10	12	13	9	9	13	
6	12	10	13	15	16	19	14	17	13	18	14	13	12	11	14	13	11	7	8	7	10	11	10	10	12	19	
7	11	10	13	10	11	10	8	11	12	11	9	11	11	12	11	8	10	10	9	8	7	10	8	8	10	13	
8	5	8	7	8	7	7	11	9	9	13	14	[ZS]	14	10	13	11	8	12	13	11	11	9	12	11	10	14	
9	11	9	9	11	10	9	9	10	10	12	7	10	10	12	10	10	10	9	11	6	8	9	8	11	10	12	
10	10	7	9	8	9	10	8	7	9	9	7	[ZS]	6	7	9	11	9	8	8	8	9	9	9	6	8	11	
11	8	7	10	9	9	9	9	6	12	9	[PF]	9	7	9	6	10	11	8	10	8	9	7	10	9	9	12	
12	10	12	14	8	8	13	8	10	10	13	10	[ZS]	10	12	10	15	17	18	14	11	12	10	12	13	12	18	
13	13	10	10	12	15	9	12	17	13	12	11	14	14	16	16	13	15	15	11	12	12	11	11	15	13	17	
14	15	13	8	10	12	11	17	15	11	13	12	11	10	11	11	8	7	10	8	10	9	10	8	8	11	17	
15	11	11	9	9	11	11	11	9	10	9	8	10	7	9	10	12	10	3	10	11	13	10	12	14	10	14	
16	10	9	6	9	6	6	7	8	7	6	[ZS]	9	7	7	10	10	9	7	7	10	6	8	10	11	8	11	
17	11	8	8	8	9	9	10	5	12	6	10	[ZS]	3	3	3	6	5	6	6	7	4	3	5	3	4	6	12
18	9	6	8	8	9	8	7	9	10	8	9	13	10	6	6	4	7	6	8	9	9	6	6	5	4	8	13
19	3	7	8	6	4	3	8	4	2	5	[ZS]	6	4	3	0	2	2	3	3	6	5	2	1	3	4	8	
20	3	3	5	2	5	12	8	8	6	5	6	9	2	3	2	1	2	0	1	4	6	4	7	3	4	12	
21	1	3	5	4	1	3	5	3	4	3	3	2	3	0	1	1	0	1	5	1	4	2	2	4	3	4	12
22	7	3	6	3	3	2	5	3	0	3	5	[ZS]	3	5	6	2	2	2	2	5	6	5	4	5	4	7	5
23	2	2	1	0	3	3	4	3	13	0	0	1	1	3	5	2	2	6	8	5	5	7	2	3	3	13	
24	3	5	5	5	4	3	5	5	9	6	7	5	[ZS]	8	9	7	8	11	12	9	9	6	6	8	7	12	
25	12	6	5	6	8	6	5	7	5	7	5	5	5	4	5	3	3	5	8	3	5	7	3	3	5	12	
26	7	4	7	5	8	7	2	7	8	9	8	[ZS]	4	4	3	3	5	3	8	7	7	6	5	7	9	9	
27	7	6	5	8	7	6	9	8	7	7	8	6	8	5	6	7	7	5	7	4	6	9	8	8	7	9	
28	7	5	5	7	7	6	10	17	9	10	8	4	4	6	8	6	6	5	7	4	10	12	13	12	8	17	
AV	8	7	8	6	6	8	9	6	9	9	8	8	7	8	8	7	8	7	8	7	8	8	8	8	8	8	21
SD	4	3	3	3	4	4	4	4	3	4	3	4	4	4	4	4	4	4	3	3	3	3	4	4	4	4	1

SULFUR DIOXIDE (CCL14)
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #135
BONANZA, UTAH
SITE 6

MAR, 1982

AEROMONITORING IHC.

* FINAL DATA *
* AS OF 30/MAR/83 *

DY	CLOCK HOUR [LOCAL STANDARD TIME]																								AVE PEAK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	
1	7	5	10	8	6	6	5	6	4	[ZS]	7	5	8	8	8	7	9	9	9	5	6	2	0	2	6
2	6	7	1	2	5	1	1	2	[CA]	[CA]	10	6	8	3	8	4	9	9	5	11	8	8	10	10	6
3	9	10	10	8	8	11	9	10	10	6	10	9	9	9	7	8	9	9	14	13	12	10	9	11	6
4	12	11	10	9	7	17	18	19	18	16	12	15	17	15	18	18	18	16	16	13	13	12	17	13	10
5	14	16	17	15	16	17	18	19	18	16	[ZS]	13	13	13	15	13	13	16	16	16	17	16	17	14	18
6	15	17	17	19	18	18	18	18	19	17	11	9	13	11	16	17	17	12	14	19	17	15	15	13	16
7	10	8	11	13	13	17	11	13	10	9	[ZS]	10	12	9	10	9	8	10	7	11	15	11	13	11	17
8	18	19	17	17	14	19	18	16	17	18	18	15	16	11	14	17	15	19	12	10	12	13	11	16	19
9	13	14	14	13	18	16	13	15	15	14	13	13	12	14	11	11	11	12	18	17	17	20	18	14	20
10	14	22	20	21	14	15	19	21	20	[ZS]	18	18	17	17	14	17	13	13	13	15	19	17	18	17	22
11	20	14	22	20	15	21	20	23	18	[PC]	15	13	14	17	15	10	13	12	12	14	13	18	11	16	23
12	12	18	15	17	16	17	16	16	19	19	16	17	15	14	17	13	13	14	15	17	17	17	14	17	19
13	16	18	19	19	17	14	15	14	18	15	18	14	15	15	11	13	15	13	15	19	17	16	20	21	21
14	22	23	23	23	24	23	23	20	22	20	19	17	19	19	20	19	18	13	15	17	16	13	16	19	24
15	15	17	20	20	18	18	20	21	20	17	17	13	[ZS]	14	11	12	16	16	10	16	19	18	14	17	21
16	15	16	13	14	13	11	12	13	19	18	17	14	11	15	12	15	14	13	18	19	14	12	12	11	19
17	16	14	11	19	20	22	15	13	14	14	[ZS]	17	11	16	15	11	12	12	12	12	13	15	14	22	
18	13	15	14	14	15	16	17	16	17	18	15	18	15	11	12	14	12	13	10	11	13	16	21	15	21
19	13	12	13	11	12	10	14	15	12	[ZS]	14	10	10	17	16	9	16	12	12	13	15	12	15	17	17
20	19	13	15	19	18	22	20	19	21	22	23	22	20	19	21	19	22	17	17	17	14	18	17	19	23
21	17	23	22	14	19	25	20	24	22	23	22	24	19	18	18	18	15	14	19	18	25	23	26	20	25
22	18	20	17	15	19	21	16	17	22	26	[ZS]	20	19	17	16	13	14	13	18	25	23	26	20	26	26
23	24	12	23	22	23	20	21	24	24	24	23	18	16	15	16	21	16	17	19	19	23	20	22	20	24
24	23	22	16	20	18	22	20	20	21	19	16	15	13	13	13	13	13	12	16	17	18	17	16	17	23
25	16	15	12	13	12	15	17	12	17	16	14	13	12	11	9	10	10	12	12	10	11	14	14	17	17
26	17	16	19	16	18	22	21	22	19	[PC]	21	22	21	17	15	16	19	14	15	14	17	15	19	18	22
27	16	20	19	20	21	18	17	21	16	18	17	14	11	15	12	14	11	13	15	16	14	18	20	16	21
28	21	20	21	22	20	17	20	18	20	20	17	14	18	16	16	14	18	15	16	17	18	19	17	18	22
29	16	17	16	16	16	16	16	16	16	16	[ZS]	16	16	16	16	16	16	16	16	16	16	16	16	16	17
30	16	16	19	21	19	16	17	21	22	17	16	16	16	16	16	16	16	16	16	16	16	16	16	16	16
31	15	16	14	14	15	13	15	14	13	17	14	16	17	19	14	12	9	14	12	10	13	12	13	15	14
AV	15	16	16	16	16	17	16	16	17	17	15	14	14	14	14	14	14	14	14	14	15	15	16	16	15
SD	4	5	5	5	5	5	5	5	4	4	4	3	4	4	3	4	4	3	4	4	4	4	5	5	4

SULFUR DIOXIDE (CC114)
 MILLIGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

APR, 1982
 AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	17	18	18	17	16	18	18	18	18	18	18	18	10	8	8	8	9	8	9	9	10	7	5	4	13	18
2	9	5	8	7	8	10	13	12	9	9	9	10	[CA]	9	8	9	11	10	10	11	9	10	9	9	9	13
3	10	6	7	9	9	12	9	7	8	8	7	5	6	2	2	3	3	3	3	1	4	4	6	7	6	12
4	9	6	8	8	9	10	11	11	10	6	6	7	4	4	7	5	6	4	9	10	9	9	9	11	8	11
5	9	10	12	10	10	9	11	11	8	8	9	10	8	[ZS]	6	4	5	5	6	6	10	10	9	9	8	12
6	9	7	6	9	10	8	8	8	8	9	5	3	4	2	3	3	5	3	2	5	5	6	9	8	6	10
7	11	8	10	11	11	9	10	12	13	14	10	6	7	8	9	8	8	9	7	9	7	8	9	9	9	14
8	9	9	8	9	8	8	9	11	10	11	10	12	11	11	10	9	9	10	10	11	11	12	14	15	10	15
9	12	13	10	11	11	11	10	10	10	11	[PC]	13	9	14	11	12	12	10	11	14	12	13	11	10	11	14
10	10	16	14	15	12	11	12	13	13	10	11	9	7	5	3	4	7	10	9	9	11	12	16	15	11	16
11	16	15	16	16	15	15	16	15	12	13	12	10	11	9	13	8	11	8	10	9	6	10	6	6	12	15
12	8	8	5	3	10	10	10	12	9	5	8	6	7	8	6	7	9	9	7	10	6	7	10	9	8	12
13	13	16	12	14	14	12	16	14	13	12	11	8	10	8	9	8	5	9	11	9	6	9	12	12	11	16
14	11	17	12	13	17	17	16	15	14	13	11	[ZS]	9	11	9	13	12	13	11	12	11	11	14	16	13	17
15	15	17	17	19	17	16	15	16	15	14	9	8	10	11	12	15	12	12	15	15	13	17	14	16	14	19
16	16	18	17	18	23	25	20	19	20	18	18	[ZS]	15	11	7	10	13	12	13	13	16	14	21	19	17	25
17	18	20	20	18	19	22	22	22	19	19	20	16	13	11	14	14	15	15	12	13	12	11	12	17	16	22
18	15	16	15	15	17	15	16	15	17	19	17	13	15	14	17	14	15	15	14	19	19	18	20	23	16	23
19	21	20	20	19	22	23	21	21	19	20	20	19	20	18	19	18	19	22	21	22	23	23	21	19	20	23
20	22	22	26	20	22	22	22	22	20	22	[ZS]	21	19	18	18	17	17	19	17	13	18	15	17	17	19	26
21	17	19	16	16	20	20	17	18	18	20	16	15	13	10	13	11	8	8	10	16	12	15	17	16	15	20
22	19	18	17	14	15	16	14	14	15	20	[SA]	15	13	11	9	6	7	7	5	8	8	10	12	11	12	20
23	12	10	12	13	14	14	14	13	10	13	10	[PC]	8	6	5	5	3	3	2	6	9	7	7	8	9	14
24	9	10	8	8	13	11	10	12	10	8	9	11	13	11	13	14	10	13	10	13	12	13	12	15	11	15
25	15	16	17	15	16	16	16	14	15	12	12	10	12	11	11	12	12	10	11	12	11	14	12	14	13	16
26	16	17	17	14	18	19	18	19	12	13	13	15	11	12	9	12	7	11	13	12	12	11	12	14	14	19
27	17	14	14	15	16	14	15	15	13	12	13	11	11	10	12	10	13	13	14	12	12	12	13	18	13	18
28	15	16	13	19	15	16	19	17	16	15	13	15	[ZS]	13	12	13	14	13	12	12	11	14	11	15	14	19
29	14	15	14	14	14	12	13	15	17	17	14	11	14	13	12	12	15	15	15	13	13	15	17	17	14	17
30	17	20	20	24	22	20	22	18	19	23	17	17	17	16	14	16	13	16	14	17	13	15	17	16	18	24
AV	14	14	14	14	14	14	15	15	14	14	12	11	11	10	10	10	10	10	10	11	11	12	12	13	12	26
SD	4	5	5	5	5	5	5	4	4	5	4	5	4	4	4	4	4	4	4	4	4	4	4	4	5	1

SULFUR DIOXIDE (CC114)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

MAY, 1962

AEROENVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/63 *

CLOCK HOUR (LOCAL STANDARD TIME)

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK		
1	0	0	0	0	5	2	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5		
2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	
3	0	3	6	0	6	6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	6	
4	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	6	
5	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	0	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
7	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[]	0	
8	0	0	0	0	0	0	1	0	0	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	
9	0	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	
10	0	2	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	
11	13	9	10	12	12	11	12	7	12	6	8	7	6	5	5	6	5	7	6	6	8	6	5	9	8	13	11	
12	7	8	12	10	10	8	10	10	12	10	8	7	6	9	4	5	4	4	4	5	8	5	8	6	5	7	12	
13	9	8	6	7	9	5	8	7	8	7	5	6	[ZS]	8	5	10	7	7	8	8	10	7	7	4	8	12	8	12
14	10	10	13	12	9	13	12	11	11	5	0	0	6	8	8	6	8	8	10	7	7	4	8	12	8	13	13	
15	9	8	9	10	10	8	12	9	7	6	5	7	5	7	6	6	6	7	8	22	6	9	8	7	8	22	8	
16	8	9	9	11	10	12	12	9	7	8	8	7	8	6	7	5	6	7	6	4	5	7	6	7	8	12	12	
17	0	0	0	0	0	0	0	0	0	0	1	0	4	0	0	0	7	1	0	1	0	0	0	0	0	1	7	
18	1	1	1	1	1	1	0	0	0	0	1	4	0	0	1	1	4	0	0	0	0	0	0	0	0	1	4	
19	0	0	0	0	0	1	4	2	0	4	0	0	0	[ZS]	10	10	10	10	10	10	10	10	10	10	10	5	10	
20	10	10	10	10	10	10	10	10	10	9	6	7	7	5	6	6	7	7	7	7	8	8	9	8	9	10	10	
21	9	8	9	9	10	9	10	8	9	[ZS]	8	0	0	2	5	5	0	0	0	0	0	0	2	11	0	5	11	
22	0	0	0	0	0	0	0	0	0	0	0	0	2	2	5	8	2	2	11	5	2	2	5	5	3	11	6	
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	6	
24	0	0	0	0	0	0	0	0	0	0	0	3	6	3	0	0	0	0	0	0	0	3	6	0	0	2	6	
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	4	8	
26	6	6	8	6	7	9	9	5	6	6	4	5	[ZS]	5	6	5	5	5	6	6	6	6	6	6	6	9	9	
27	6	6	6	6	6	6	6	6	5	5	4	5	4	4	5	6	7	7	7	7	7	7	7	7	7	6	7	
28	11	8	7	7	7	9	9	9	9	7	7	[ZS]	10	8	8	8	8	6	8	8	9	9	10	11	6	11		
29	11	13	12	11	12	12	11	10	10	7	8	7	7	6	6	6	7	6	7	7	7	7	7	7	7	9	13	
30	7	7	8	8	9	10	9	9	8	7	7	8	10	7	7	7	8	8	9	8	9	9	9	9	9	8	10	
31	12	10	9	10	11	9	12	11	10	9	8	[ZS]	6	6	7	5	8	7	8	7	8	7	8	8	8	12	12	
HV	5	5	5	5	6	5	5	5	5	4	4	3	4	4	5	5	5	5	5	5	5	5	5	6	5	5	22	
SD	5	4	5	5	5	5	5	5	4	4	3	3	4	3	3	3	3	3	4	4	4	4	4	4	4	4	4	

SULFUR DIOXIDE (CC:114)
MICROGRAMS./CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

JUN, 1982

AEROVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	8	8	8	10	10	9	11	10	11	7	8	8	8	8	8	8	8	8	7	8	8	8	9	9	9	11	
2	10	10	10	10	11	13	13	12	10	8	8	8	8	8	8	8	8	8	9	9	8	8	8	8	8	9	13
3	8	8	9	9	8	10	12	11	10	9	8	8	8	8	8	8	8	8	8	8	7	9	8	9	9	12	
4	9	10	11	10	11	11	12	11	10	10	9	10	10	10	10	10	11	10	9	9	10	10	9	12	10	12	
5	12	12	14	13	13	11	12	12	11	13	12	12	12	12	12	14	13	11	14	9	12	13	13	13	12	14	
6	13	15	12	14	12	14	16	16	14	12	12	9	12	10	11	12	10	10	10	11	11	12	12	13	12	16	
7	16	15	16	18	19	21	18	19	18	14	12	12	12	13	13	13	14	12	13	15	17	18	18	18	15	21	
8	21	19	18	17	16	16	15	15	17	16	16	16	15	13	13	14	14	14	13	14	14	14	13	12	15	21	
9	13	15	15	16	16	16	16	14	16	14	11	12	12	12	12	13	13	14	13	14	14	14	13	12	15	21	
10	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	14	
11	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	14	
12	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	[IN]	15	
13	19	18	17	15	14	16	15	14	14	14	15	14	14	14	14	14	14	14	15	15	17	17	17	19	16	19	
14	21	20	19	19	18	17	17	24	21	21	15	13	14	12	14	13	12	14	14	14	11	13	14	11	16	24	
15	13	13	14	13	15	17	19	18	18	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	17	20	
16	19	19	18	18	20	19	22	18	18	17	17	17	18	18	18	18	17	19	18	18	20	18	19	18	18	22	
17	22	18	16	16	16	19	15	19	20	18	19	16	15	17	17	36	28	22	16	18	24	17	15	14	19	36	
18	15	17	15	15	17	16	16	17	16	17	16	17	15	15	15	16	15	15	14	15	15	14	14	14	15	18	
19	16	14	16	17	17	18	18	18	15	15	14	14	14	15	15	15	15	16	16	14	14	14	14	14	15	18	
20	16	17	15	16	17	17	17	15	15	14	14	14	14	14	14	13	13	13	15	16	15	14	14	15	14	17	
21	13	13	14	15	15	15	14	14	13	13	14	14	14	13	16	16	15	17	15	13	13	13	13	12	11	14	
22	12	13	13	14	14	16	15	15	16	17	[CA]	26	20	23	23	23	23	20	20	16	17	15	14	16	15	17	
23	16	16	16	16	17	15	17	18	16	15	18	[CA]	14	15	16	16	17	16	16	16	14	14	14	14	14	16	
24	17	17	16	16	17	17	17	16	14	14	13	14	13	13	14	14	14	40	45	26	14	14	14	14	16	18	
25	16	16	16	15	17	17	16	16	18	15	16	[ZS]	20	17	18	18	17	19	19	22	13	27	21	21	18	45	
26	19	21	13	19	21	19	19	24	13	19	13	24	24	18	13	18	10	24	21	27	24	24	21	21	20	27	
27	21	24	27	21	21	21	21	18	30	27	24	24	24	24	24	24	24	24	24	21	21	18	18	18	23	30	
28	21	24	24	21	18	15	21	15	24	18	15	11	12	13	15	13	12	14	13	13	14	13	13	12	16	24	
29	13	14	14	13	16	14	15	14	15	[ZS]	20	13	12	11	13	11	11	9	11	12	10	11	12	12	13	20	
30	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	10	
AV	15	15	15	15	15	16	16	16	16	15	14	14	15	14	14	15	14	16	15	15	15	15	14	15	15	45	
SD	4	4	4	3	3	3	3	4	5	4	4	5	5	4	4	6	4	7	7	5	5	4	4	4	4	[]	

SULFUR DIOXIDE [CC114]
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

JUL, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

BY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	11
2	10	9	10	11	11	11	11	10	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	11
3	9	9	12	11	11	11	11	11	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	11
4	13	12	12	11	11	11	10	11	11	10	10	8	8	8	8	8	8	8	8	8	8	8	8	8	8	13
5	10	11	12	11	10	12	11	11	11	11	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	12
6	11	10	10	11	10	11	11	11	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	11
7	8	8	8	8	9	9	11	9	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	11
8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	11
9	10	10	18	10	10	12	18	20	7	[PC]	12	10	12	12	12	12	12	12	12	12	12	12	12	12	12	23
10	10	10	13	12	14	13	14	16	14	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	12	20
11	12	14	15	17	16	15	17	17	15	17	16	11	10	9	7	[CA]	7	9	9	9	11	10	11	11	11	17
12	16	12	12	15	14	14	13	11	10	9	7	[CA]	12	11	11	13	15	12	13	12	15	14	17	13	17	17
13	15	18	18	17	17	17	15	14	13	14	13	13	13	13	12	12	12	10	11	13	14	13	14	14	14	18
14	15	12	12	11	12	11	14	12	16	12	12	12	12	11	12	11	14	13	19	13	14	16	17	16	13	19
15	19	16	17	17	16	15	14	[SA]	[SA]	[SA]	16	15	15	15	16	16	16	16	19	17	17	17	18	21	17	21
16	19	20	18	20	20	19	18	20	21	18	18	17	12	11	12	12	13	15	16	15	15	16	17	20	17	21
17	20	18	19	17	16	17	15	15	15	13	11	12	12	12	15	13	12	13	13	15	15	15	17	20	15	20
18	20	18	18	16	16	15	16	16	16	18	17	16	14	14	14	14	14	14	14	13	15	17	20	20	16	20
19	7	9	12	4	12	7	1	7	14	9	14	14	9	4	7	9	4	7	9	9	7	9	17	20	16	20
20	4	[PF]	4	7	12	9	9	9	12	14	16	14	13	13	14	13	12	12	16	14	15	16	14	13	12	16
21	16	12	14	13	13	13	12	13	[ZS]	14	12	12	8	8	13	11	12	14	13	13	13	13	14	12	13	16
22	14	13	13	13	12	12	10	13	13	13	11	12	[PC]	13	11	12	12	12	12	11	10	13	12	13	12	14
23	12	12	12	11	10	10	12	12	12	9	10	9	11	8	11	12	11	12	10	11	7	11	11	11	11	12
24	15	9	12	10	9	9	9	10	10	11	17	13	12	12	12	11	12	14	13	13	13	13	14	13	12	17
25	21	16	15	15	15	15	17	14	11	11	7	7	5	6	6	5	5	5	8	9	11	11	12	13	11	21
26	11	10	10	10	9	10	8	8	7	[ZS]	11	11	12	14	11	13	10	11	10	10	11	11	13	12	10	14
27	14	11	10	9	8	9	10	9	8	6	3	6	9	5	5	4	5	7	6	6	8	10	8	10	8	14
28	11	8	7	8	7	7	7	7	7	7	7	5	5	2	1	1	1	2	1	0	1	2	1	2	4	11
29	2	0	3	2	0	0	1	1	1	0	[ZS]	5	4	3	4	5	6	3	6	4	7	4	6	7	3	7
30	6	5	2	4	3	5	3	4	4	4	3	3	4	5	4	5	4	3	4	2	4	3	4	4	4	6
31	6	5	6	4	7	4	4	5	3	5	3	5	3	3	3	4	5	4	4	4	4	5	5	4	4	7
AV	12	11	12	11	11	11	11	11	11	10	10	10	10	10	10	10	10	10	10	11	11	11	12	12	11	23
SD	5	4	4	4	4	4	5	4	4	4	4	4	3	4	4	4	4	4	4	4	4	4	5	5	4	[]

SULFUR DIOXIDE (CC:14)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

AUG, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK
1	8	6	3	4	3	4	6	5	4	3	3	3	3	3	2	5	3	4	7	7	7	7	7	7	5	8
2	8	7	9	10	8	6	4	3	3	5	3	3	3	3	2	3	3	4	7	7	6	3	2	0	5	10
3	3	2	3	2	3	1	3	2	3	5	3	4	4	5	4	3	3	2	4	6	3	4	5	5	3	5
4	5	2	4	2	4	0	3	1	3	2	0	1	2	1	2	2	5	3	3	3	5	4	4	3	3	6
5	3	4	5	2	4	4	4	3	4	[CA]	3	4	4	4	4	2	2	3	2	5	3	4	4	4	4	5
6	3	3	2	3	2	1	2	2	2	2	3	3	[PC]	2	1	4	2	3	3	2	2	2	2	2	2	3
7	3	2	1	1	3	2	1	2	3	0	1	1	3	2	2	2	2	3	1	3	2	2	3	3	2	3
8	2	3	4	3	1	2	1	1	1	2	2	2	2	3	2	2	2	3	3	4	3	3	2	3	2	4
9	1	4	2	2	2	2	2	2	4	2	2	3	2	3	3	4	3	3	3	3	4	4	4	4	3	4
10	4	3	3	3	4	5	6	2	[Z8]	7	6	6	5	4	6	5	2	1	3	5	5	3	4	4	4	7
11	7	4	4	4	3	3	3	8	7	4	4	4	4	2	4	9	2	2	3	2	2	2	2	3	4	9
12	7	3	2	3	3	3	3	3	3	[ZS]	4	4	4	4	6	5	5	5	5	3	4	3	5	6	4	6
13	8	6	5	5	4	5	4	4	2	4	5	[ZS]	3	3	3	4	5	4	4	4	3	4	5	4	8	
14	6	2	5	4	5	5	5	3	5	5	4	3	4	6	8	14	27	32	29	29	16	16	15	14	11	32
15	11	8	7	6	6	5	8	5	7	6	8	9	10	12	9	7	7	6	10	10	10	10	7	7	7	10
16	7	6	6	6	6	5	8	5	6	6	8	3	6	6	7	7	9	6	8	5	5	6	6	5	6	7
17	7	6	6	6	7	6	5	7	5	6	[ZS]	6	7	6	5	5	5	5	6	6	7	6	5	5	6	8
18	6	6	4	5	6	7	7	7	7	6	6	7	6	6	5	4	6	7	8	6	4	5	5	5	6	8
19	4	3	6	5	5	5	5	7	6	6	[ZS]	8	7	8	7	6	6	8	5	4	5	7	8	5	6	8
20	3	7	8	7	7	6	7	7	8	9	8	[PC]	8	9	8	7	6	7	7	6	7	6	7	7	7	9
21	9	6	6	6	5	8	5	8	5	5	5	5	5	8	8	9	10	8	8	9	9	10	11	11	8	11
22	14	9	6	6	5	8	5	8	5	5	5	5	5	8	8	9	7	6	6	6	6	5	6	5	7	14
23	9	5	7	7	7	6	6	6	7	7	7	[ZS]	8	9	9	10	9	9	9	9	9	9	8	12	8	12
24	12	5	10	14	11	10	10	10	10	10	9	10	9	11	10	10	10	10	10	10	13	11	6	6	9	14
25	7	12	13	12	10	10	10	8	7	8	8	[ZS]	7	9	7	7	6	8	8	8	8	8	9	8	9	13
26	10	9	5	7	9	8	7	9	9	8	8	8	10	8	10	10	9	8	8	8	11	10	10	11	9	11
27	11	10	9	9	8	9	8	9	9	9	[ZS]	11	10	9	9	9	8	10	8	8	7	8	9	9	11	11
28	8	8	8	8	8	8	8	8	8	9	9	8	9	11	8	9	8	9	9	8	5	8	8	8	8	11
29	11	7	10	7	8	10	10	9	9	11	10	10	9	11	9	10	9	10	9	10	10	11	9	9	9	11
30	10	10	13	12	9	9	11	11	12	11	10	10	10	9	10	10	10	10	11	11	14	15	15	15	11	15
31	15	15	13	10	10	11	12	11	12	10	10	10	10	11	11	10	11	12	13	11	11	11	11	12	12	15
AV	7	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	7	7	7	7	7	7	7	6	32
SD	4	3	3	3	3	3	3	3	3	3	3	3	3	3	3	3	5	6	5	5	4	4	3	4	4	[]

SULFUR DIOXIDE (CC:14)
 MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH
 SITE 6

SEP, 1982

AEROVIRONMENT INC.

 * FINAL DATA *
 * AS OF 30/MAR/83 *

BY	CLOCK HOUR (LOCAL STANDARD TIME)																														AVE	FEHK
	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23								
1	19	16	16	16	15	15	16	16	17	18	18	17	19	18	18	18	16	16	19	18	18	18	19	18	17	19						
2	20	19	16	16	17	18	18	18	20	19	19	18	19	18	19	18	19	20	19	18	19	18	19	18	18	17	19					
3	18	15	16	16	17	17	18	18	16	16	16	16	16	17	15	15	16	17	16	19	18	18	17	15	17	20						
4	19	17	17	18	17	18	17	18	18	16	16	21	20	17	15	12	12	12	11	12	13	18	18	20	16	21						
5	17	15	14	15	15	15	14	15	15	15	17	15	16	17	15	15	15	15	15	15	15	15	15	15	15	17						
6	17	14	15	15	15	18	17	15	17	15	15	15	15	15	15	16	15	16	15	16	16	16	16	15	16	18						
7	14	15	15	15	15	15	14	15	15	10	8	3	8	3	13	3	0	3	10	0	8	5	8	10	15	15						
8	10	13	15	18	23	20	13	10	0	5	3	0	3	0	3	0	0	3	0	0	0	5	3	0	6	23						
9	10	18	15	18	20	18	15	13	20	18	18	23	20	13	13	20	15	15	5	8	8	13	13	15	15	23						
10	15	18	18	13	15	13	10	10	10	8	5	0	0	3	0	0	0	0	0	0	0	0	0	5	7	18						
11	0	0	3	3	0	0	5	3	0	5	3	5	8	5	8	8	8	3	3	0	0	3	3	8	3	8						
12	5	0	5	0	0	0	8	0	3	3	0	0	0	0	0	5	0	0	0	0	0	3	3	0	2	8						
13	8	8	5	0	0	10	5	3	0	0	0	0	0	0	0	5	0	0	0	0	5	5	0	0	4	10						
14	3	5	5	3	0	15	13	0	0	3	0	0	5	5	10	8	8	10	10	3	0	3	8	0	4	15						
15	0	5	10	0	0	3	0	0	0	10	3	3	0	0	3	0	3	0	3	0	0	5	0	3	3	31						
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	3	0	3						
17	0	3	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	5	5	3	5	5	8	2	8						
18	0	0	0	0	0	0	0	0	0	0	3	3	0	0	0	3	0	0	0	0	0	5	3	5	1	5	5					
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	3	3					
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	0	0	0	0	0	0	3	2	8			
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3	0	3			
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	10					
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	3			
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
28	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]		
29	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	
30	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]	[PF]
4V	6	7	7	6	6	7	7	6	6	7	6	5	6	5	7	7	5	5	6	5	4	6	6	6	6	6	31					
5D	8	7	8	8	8	8	7	9	8	8	7	8	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7

SULFUR DIOXIDE [CC:1+]
MICROGRAMS/CUBIC METER

WHITE RIVER SHALE PROJECT, #139
BONANZA, UTAH
SITE 6

OCT, 1982
REGOVIRONMENT INC.

* FINAL DATA *
* AS OF 30/MAR/83 *

CLOCK HOUR [LOCAL STANDARD TIME]

DAY	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	AVE	PEAK	
1	8	11	5	3	5	11	5	11	5	5	8	5	8	3	5	5	0	0	0	0	5	3	3	3	5	11	
2	5	5	5	5	11	0	0	3	0	3	5	13	11	5	0	0	3	0	5	0	0	3	3	8	11	4	13
3	0	3	3	0	0	3	0	3	0	5	8	3	0	0	3	5	0	0	0	0	3	0	0	3	11	2	11
4	3	0	3	8	3	0	0	0	3	3	8	3	5	5	3	3	0	0	0	3	0	0	0	11	5	3	11
5	3	8	5	3	0	0	0	0	0	0	0	0	0	0	5	5	3	5	8	11	11	5	5	3	3	11	
6	0	0	0	0	0	0	0	0	0	0	0	0	0	5	3	5	0	0	0	11	3	0	3	6	2	11	
7	0	3	5	5	5	5	5	8	8	3	3	3	3	0	11	3	3	0	0	8	5	3	3	3	4	11	
8	0	5	3	8	5	3	11	0	3	5	3	3	0	5	8	3	3	3	0	0	5	5	8	5	6	4	9
9	11	3	3	11	5	3	0	0	3	3	3	0	0	0	3	5	5	5	3	3	5	3	0	3	2	5	11
10	3	3	3	3	0	0	0	0	5	3	0	0	0	0	0	5	5	0	0	0	3	0	0	3	2	5	11
11	0	5	5	3	0	0	0	0	3	8	0	0	0	0	0	0	0	0	0	3	3	0	0	3	0	1	8
12	0	3	5	0	5	0	3	5	3	5	3	3	0	0	0	0	0	0	0	5	3	5	5	8	3	8	8
13	0	0	0	3	0	0	0	3	0	0	5	[CA]	0	0	0	0	0	0	0	0	0	0	0	0	0	0	5
14	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
15	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
16	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
17	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
18	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
19	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
20	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
21	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
22	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
23	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
25	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
26	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
27	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
28	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
29	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
30	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
31	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
AV	3	4	4	4	3	2	2	3	2	3	4	3	2	2	3	4	2	2	1	2	4	4	3	5	6	3	13
SD	4	3	2	3	3	3	3	4	3	2	3	4	4	2	3	3	2	2	3	4	4	3	2	5	4	3	13

TOTAL SUSPENDED PARTICULATES

SITES 4, 6, & 10

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BONARZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES	DD	UGN	UGN
==> 6a	/N3	/N3	
T TSP	TSP	TSP	
	JAN/82		
01	[]	[]	[]
02	[]	[]	[]
03	[]	[]	[]
04	[]	[]	[]
05	[]	[]	[]
06	8	8	9
07	[]	[]	[]
08	[]	[]	[]
09	[]	[]	[]
10	[]	[]	[]
11	[]	[]	[]
12	10	11	
13	[]	[]	[]
14	[]	[]	[]
15	[]	[]	[]
16	[]	[]	[]
17	[]	[]	[]
18	14	13	
19	[]	[]	[]
20	[]	[]	[]
21	[]	[]	[]
22	[]	[]	[]
23	[]	[]	[]
24	8	7	
25	[]	[]	[]
26	[]	[]	[]
27	[]	[]	[]
28	[]	[]	[]
29	[]	[]	[]
30	12	11	
31	[]	[]	[]
AV	10	10	
SD	3	2	
MX	14	13	
MH	8	7	

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BOHANNZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES =>	6a		6b	
	T	TSP	TSP	TSP
	DD	UGM	UGM	/N3
FEB/82	01	[]	[]	[]
	02	[]	[]	[]
	03	[]	[]	[]
	04	[]	[]	[]
	05	12	19	
	06	[]	[]	[]
	07	[]	[]	[]
	08	[]	[]	[]
	09	[]	[]	[]
	10	[]	[]	[]
	11	23	[OE]	
	12	[]	[]	[]
	13	[]	[]	[]
	14	[]	[]	[]
	15	[]	[]	[]
	16	[]	[]	[]
	17	[IN]	[]	[]
	18	[]	[]	[]
	19	[]	[]	[]
	20	[]	[]	[]
	21	[]	[]	[]
	22	[]	[]	[]
	23	16	14	
	24	[]	[]	[]
	25	[]	[]	[]
	26	[]	[]	[]
	27	[]	[]	[]
	28	[]	[]	[]
	AV	17	15	
	SD	6	4	
	NX	23	19	
	MH	12	11	

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTHII

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES ==> 6a 6b	T	TSP	TSP	DD	UGM	UGM	/N3 /N3	
MAR/82	01	43	36					
	02	[]	[]					
	03	[]	[]					
	04	[]	[]					
	05	[]	[]					
	06	[]	[]					
	07	12	12					
	08	[]	[]					
	09	[]	[]					
	10	[]	[]					
	11	[]	[]					
	12	[]	[]					
	13	21	22					
	14	[]	[]					
	15	[]	[]					
	16	[]	[]					
	17	[]	[]					
	18	[]	[]					
	19	10	8					
	20	[]	[]					
	21	[]	[]					
	22	[]	[]					
	23	[]	[]					
	24	[]	[]					
	25	46	40					
	26	[]	[]					
	27	[]	[]					
	28	[]	[]					
	29	[]	[]					
	30	[]	[]					
	31	14	11					
	AV	24	22					
	SD	16	14					
	MX	46	40					
	MN	10	8					

PROJECT # 139 WHITE RIVER SHWLE PROJECT, #139
 BORANZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES -->	6a		6b		4
	T	TSP	TSP	TSP	
DD UGN /N3	UGN /N3	UGN /N3	UGN /N3	UGN /N3	
APR/82	01	[]	[]	[]	[]
	02	[]	[]	[]	[]
	03	[]	[]	[]	[]
	04	[]	[]	[]	[]
	05	[]	[]	[]	[]
	06	44	41	[]	[]
	07	[]	[]	[]	[]
	08	[]	[]	[]	[]
	09	[]	[]	[]	[]
	10	[]	[]	[]	[]
	11	[]	[]	[]	[]
	12	36	36	[]	[]
	13	[]	[]	[]	[]
	14	[]	[]	[]	[]
	15	[]	[]	[]	39
	16	[]	[]	[]	14
	17	[]	[]	[]	[]
	18	71	59	[]	[]
	19	[]	[]	[]	24
	20	[]	[]	[]	10
	21	[]	[]	[]	[IM]
	22	[]	[]	[]	[]
	23	[]	[]	[]	[]
	24	63	57	26	
	25	[]	[]	[]	27
	26	[]	[]	[]	36
	27	[]	[]	[]	16
	28	[]	[]	[]	25
	29	[]	[]	[]	32
	30	76	72	36	
	AV	58	53	26	
	SD	17	15	10	
	MX	76	72	39	
	NH	36	36	10	

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BONAHZA, UTAH

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

SITES
 ==> 0a 6b 4
 T TSP TSP TSP

DD UGN UGN UGN
 /N3 /N3 /N3

MAY/82
 01 [] [] [] [] 29
 02 [] [] [] [] 12
 03 [] [] [] [] 11
 04 [] [] [] [] 14
 05 [] [] [] [] 11
 06 71 [IN] 14
 07 [] [] [] [] 15
 08 [] [] [] [] 21
 09 [] [] [] [] 33
 10 [] [] [] [] 17
 11 [] [] [] [] []
 12 24 23 12
 13 [] [] [] [] 13
 14 [] [] [] [] 16
 15 [] [] [] [] 13
 16 [] [] [] [] 15
 17 [] [] [] [] 17
 18 74 77 37
 19 [] [] [] [] 14
 20 [] [] [] [] 12
 21 [] [] [] [] 14
 22 [] [] [] [] 17
 23 [] [] [] [] 20
 24 25 25 14
 25 [] [] [] [] []
 26 [] [] [] [] 14
 27 [] [] [] [] 19
 28 [] [] [] [] 38
 29 [] [] [] [] 20
 30 26 29 13
 31 [] [] [] [] 9

AV 44 39 17
 SD 26 26 6
 NX 74 77 38
 MH 24 23 9

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES		6a		6b		4		10	
T	TSP	TSP	UGM /M3	TSP	UGM /M3	TSP	UGM /M3	TSP	UGM /M3
JUN/82									
01	[]	[]	[]	[]	[]	[]	[]	[]	[]
02	[]	[]	[]	[]	[]	[]	[]	[]	[]
03	[]	[]	[]	[]	[]	[]	[]	[]	[]
04	[]	[]	[]	[]	[]	[]	[]	[]	[]
05	107	103	56	[]	[]	[]	[]	[]	[]
06	[]	[]	[]	[]	[]	[]	[]	[]	[]
07	[]	[]	[]	[]	[]	[]	[]	[]	[]
08	[]	[]	[]	[]	[]	[]	[]	[]	[]
09	[]	[]	[]	[]	[]	[]	[]	[]	[]
10	[]	[]	[]	[]	[]	[]	[]	[]	[]
11	50	49	27	21	[]	[]	[]	[]	[]
12	[]	[]	[]	[]	[]	[]	[]	[]	[]
13	[]	[]	[]	[]	[]	[]	[]	[]	[]
14	[]	[]	[]	[]	[]	[]	[]	[]	[]
15	[]	[]	[]	[]	[]	[]	[]	[]	[]
16	[]	[]	[]	[]	[]	[]	[]	[]	[]
17	[LI]	[LI]	27	24	[]	[]	[]	[]	[]
18	[]	[]	[]	[]	[]	[]	[]	[]	[]
19	[]	[]	[]	[]	[]	[]	[]	[]	[]
20	[]	[]	[]	[]	[]	[]	[]	[]	[]
21	[]	[]	[]	[]	[]	[]	[]	[]	[]
22	[]	[]	[]	[]	[]	[]	[]	[]	[]
23	183	146	28	33	[]	[]	[]	[]	[]
24	[]	[]	[]	[]	[]	[]	[]	[]	[]
25	[]	[]	[]	[]	[]	[]	[]	[]	[]
26	[]	[]	[]	[]	[]	[]	[]	[]	[]
27	[]	[]	[]	[]	[]	[]	[]	[]	[]
28	[]	[]	[]	[]	[]	[]	[]	[]	[]
29	55	53	22	28	[]	[]	[]	[]	[]
30	[]	[]	[]	[]	[]	[]	[]	[]	[]
AV	99	88	23	26	[]	[]	[]	[]	[]
SD	62	46	9	9	[]	[]	[]	[]	[]
NX	183	146	58	53	[]	[]	[]	[]	[]
MN	50	49	6	12	[]	[]	[]	[]	[]

PROJECT # 139 WHITE KIVER SHALE PROJECT, #139
 BONANZA, UTAH

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

JUL/82

SITES =>	6a		6b		4		10	
	T	TSP	UGN	UGN	TSP	TSP	UGN	UGN
	/N3	/N3	/N3	/N3	/N3	/N3	/N3	/N3
01	[]	[]	[]	[]	[]	[]	[]	[]
02	[]	[]	[]	[]	[]	[]	[]	[]
03	[]	[]	[]	[]	[]	[]	[]	[]
04	[]	[]	[]	[]	[]	[]	[]	[]
05	66	54	21	20				
06	[]	[]	[]	[]	[]	[]	[]	[]
07	[]	[]	[]	[]	[]	[]	[]	[]
08	[]	[]	[]	[]	[]	[]	[]	[]
09	[]	[]	[]	[]	[]	[]	[]	[]
10	[]	[]	[]	[]	[]	[]	[]	[]
11	76	62	19	34				
12	[]	[]	[]	[]	[]	[]	[]	[]
13	[]	[]	[]	[]	[]	[]	[]	[]
14	[]	[]	[]	[]	[]	[]	[]	[]
15	[]	[]	[]	[]	[]	[]	[]	[]
16	[]	[]	[]	[]	[]	[]	[]	[]
17	[OE]	[OE]	29	28				
18	[]	[]	[]	[]	[]	[]	[]	[]
19	[]	[]	[]	[]	[]	[]	[]	[]
20	[]	[]	[]	[]	[]	[]	[]	[]
21	[]	[]	[]	[]	[]	[]	[]	[]
22	[]	[]	[]	[]	[]	[]	[]	[]
23	91	79	22	25				
24	[]	[]	[]	[]	[]	[]	[]	[]
25	[]	[]	[]	[]	[]	[]	[]	[]
26	[]	[]	[]	[]	[]	[]	[]	[]
27	[]	[]	[]	[]	[]	[]	[]	[]
28	[]	[]	[]	[]	[]	[]	[]	[]
29	41	40	15	12				
30	[]	[]	[]	[]	[]	[]	[]	[]
31	[]	[]	[]	[]	[]	[]	[]	[]
AV	69	59	22	26				
SD	21	16	8	12				
MX	91	79	38	60				
MH	41	40	10	9				

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BORANZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES		6a		6b		4		10	
T	TSP	UGM	/N3	TSP	UGM	TSP	UGM	TSP	UGM
01	[]	[]	[]	[]	[]	[]	[]	[]	[]
02	[]	[]	[]	[]	[]	[]	[]	[]	[]
03	[]	[]	[]	[]	[]	[]	[]	[]	[]
04	108	[]	[]	121	[]	[]	[]	[]	[]
05	[]	[]	[]	[]	[]	[]	[]	[]	[]
06	[]	[]	[]	[]	[]	[]	[]	[]	[]
07	[]	[]	[]	[]	[]	[]	[]	[]	[]
08	[]	[]	[]	[]	[]	[]	[]	[]	[]
09	[]	[]	[]	[]	[]	[]	[]	[]	[]
10	220	[]	[]	135	[]	[]	[]	[]	[]
11	[]	[]	[]	[]	[]	[]	[]	[]	[]
12	[]	[]	[]	[]	[]	[]	[]	[]	[]
13	[]	[]	[]	[]	[]	[]	[]	[]	[]
14	[]	[]	[]	[]	[]	[]	[]	[]	[]
15	[]	[]	[]	[]	[]	[]	[]	[]	[]
16	24	[]	[]	16	[]	[]	[]	[]	[]
17	[]	[]	[]	[]	[]	[]	[]	[]	[]
18	[]	[]	[]	[]	[]	[]	[]	[]	[]
19	[]	[]	[]	[]	[]	[]	[]	[]	[]
20	[]	[]	[]	[]	[]	[]	[]	[]	[]
21	[]	[]	[]	[]	[]	[]	[]	[]	[]
22	15	[]	[]	14	[]	[]	[]	[]	[]
23	[]	[]	[]	[]	[]	[]	[]	[]	[]
24	[]	[]	[]	[]	[]	[]	[]	[]	[]
25	[]	[]	[]	[]	[]	[]	[]	[]	[]
26	[]	[]	[]	[]	[]	[]	[]	[]	[]
27	[]	[]	[]	[]	[]	[]	[]	[]	[]
28	31	[]	[]	26	[]	[]	[]	[]	[]
29	[]	[]	[]	[]	[]	[]	[]	[]	[]
30	[]	[]	[]	[]	[]	[]	[]	[]	[]
31	[]	[]	[]	[]	[]	[]	[]	[]	[]
AV	80	[]	[]	62	[]	[]	[]	[]	[]
SD	87	[]	[]	60	[]	[]	[]	[]	[]
NX	220	[]	[]	135	[]	[]	[]	[]	[]
MN	15	[]	[]	14	[]	[]	[]	[]	[]

AUG/82

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BOHANZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES
 ==> 6a 6b 4 10
 T TSP TSP TSP TSP TSP

DD UGM UGM UGM UGM UGM
 /M3 /M3 /M3 /M3 /M3

SEP/82

01	[	[	[	[	[	37	23
02	[	[	[	[	[	27	28
03	38	39	38	20			
04	[	[	[	41	25		
05	[	[	[	14	24		
06	[	[	[	[	19		
07	[	[	[	[	17	12	
08	[	[	[	[	12	19	
09	30	31	28	17			
10	[	[	[	21	25		
11	[	[	[	7	6		
12	[	[	[	12	13		
13	[	[	[	5	4		
14	[	[	[	8	9		
15	12	12	11	16			
16	[	[	[	14	23		
17	[	[	[	13	16		
18	[	[	[	14	9		
19	[	[	[	10	10		
20	[	[	[	10	10		
21	14	14	14	[IM]			
22	[	[	[	23	16		
23	[	[	[	19	22		
24	[	[	[	22	29		
25	[	[	[	14	18		
26	[	[	[	15	[OR]		
27	[PF]	[PF]	4	5			
28	[	[	[	3	5		
29	[	[	[	6	8		
30	[	[	[	16	14		
AV	24	24	16	16			
SD	13	13	10	7			
HX	38	39	41	29			
MN	12	12	3	4			

PROJECT # 139 WHITE RIVER SHALE PROJECT, #139
 BONANZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES		6a		6b		4		10	
T	TSP	UCM	UCM	TSP	TSP	UCM	UCM	TSP	TSP
DD	UCM	UCM	UCM	UCM	UCM	UCM	UCM	UCM	UCM
	/M3	/M3	/M3	/M3	/M3	/M3	/M3	/M3	/M3
OCT/82	01	[	[	[	[	5	6		
	02	[	[	[	[	7	5		
	03	[	[	[	[	9	10		
	04	[	[	[	[	17	17		
	05	[	[	[	[	6	[IN]		
	06	[	[	[	[	9	8		
	07	[	[	[	[	20	16		
	08	[	[	[	[	8	7		
	09	[	[	[	[	6	4		
	10	[	[	[	[	6	5		
	11	[	[	[	[	14	12		
	12	[	[	[	[	23	16		
	13	[	[	[	[	11	13		
	14	[	[	[	[	25	17		
	15	[	[	[	[	21	26		
	16	15	[	[	[	15	16		
	17	[	[	[	[	16	18		
	18	[	[	[	[	37	41		
	19	[	[	[	[	32	24		
	20	[	[	[	[	30	33		
	21	[	[	[	[	29	29		
	22	[	[	[	[	43	49		
	23	[	[	[	[	51	45		
	24	[	[	[	[	31	44		
	25	[	[	[	[	31	36		
	26	[	[	[	[	14	29		
	27	[	[	[	[	5	6		
	28	[	[	[	[	6	6		
	29	[	[	[	[	5	8		
	30	[	[	[	[	7	7		
	31	[	[	[	[	3	3		
	AV	15	21	18	18				
	SD	[	[	[	[	13	14		
	NX	15	21	51	49				
	MN	15	21	3	3				

PROJECT # 139 WHITE RIVER SIMILE PROJECT, #139
 BOHANZA, UTAH

 *
 * FINAL DATA *
 * AS OF 30/MAR/83 *
 *

SITES		4	4b	10
a=>		TSP	TSP	TSP
DD	UCM	UCM	UCM	UCM
	/M3	/M3	/M3	/M3
NOV/82	01	5	(	5
	02	7	6	8
	03	12	(	9
	04	17	(	15
	05	21	(	19
	06	15	(	13
	07	18	(	13
	08	20	21	14
	09	3	(	6
	10	10	(	3
	11	4	(	4
	12	6	(	8
	13	9	(	8
	14	6	5	4
	15	13	(	7
	16	12	(	10
	17	22	(	13
	18	14	(	13
	19	[IN]	(	6
	20	[IN]	[IN]	3
	21	5	((
	22	8	(	6
	23	8	(	8
	24	11	(	8
	25	10	(	9
	26	10	10	11
	27	9	(	9
	28	10	(	12
	29	9	(	11
	30	5	(	5
	AV	11	11	9
	SD	5	7	4
	NX	22	21	19
	MN	3	5	3

PROJECT # 139 WHITE RIVER SIMILE PROJECT, #139
 BONANZA, UTAH

 * FINAL DATA *
 * AS OF 30/MAR/83 *

SITES		4b	10
T	TSP	TSP	TSP
DD	UGN	UGN	UGN
/M3	/N3	/N3	/N3
DEC/82	01	7	[] 5
	02	5	6 4
	03	10	[] 10
	04	9	[] 10
	05	4	[] 9
	06	13	[] 14
	07	11	[] 20
	08	15	15 16
	09	18	[] 16
	10	8	[] 18
	11	11	[] 12
	12	7	[] 5
	13	9	[] 9
	14	5	6 5
	15	6	[] 5
	16	11	[] 10
	17	13	[] [IN]
	18	4	[] 7
	19	4	[] 4
	20	23	21 8
	21	22	[] 15
	22	4	[] 12
	23	1	[] 3
	24	14	[] 9
	25	5	[] 6
	26	5	[IN] 5
	27	8	[] 6
	28	5	[] 7
	29	8	[] 6
	30	9	[] 7
	31	12	[] 6
	AV	9	12 9
	SD	5	7 4
	MX	23	21 20
	MH	1	6 3

Form 1279-3
(June 1984)

BORROWER

TN 859 . US2 W425

Air quality data
oil shale lease

DATE LOANED	BORROWER

USDI - BLM

