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Association for Information and Image Management

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301/587-8202

Centimeter

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1 of 6

**FINAL REPORT - OPERATIONS SUPPORT OF PHASE 2
INTEGRATED DEMONSTRATION, FOUR VOLUMES (U)**

by
T. C. Hazen

Savannah River Site
Aiken, South Carolina 29808

ECOVA Corporation

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FINAL REPORT

**OPERATIONS SUPPORT OF PHASE 2
INTEGRATED DEMONSTRATION**

IN SITU BIOREMEDIATION

SUBCONTRACT NO.: AA69840N

VOLUME IV: FINAL REPORT

AVERAGED DATA IN TABULAR FORM - DISKS 3, 4

AVERAGED DATA IN GRAPHICAL FORM - DISKS 1, 2, 3, 4

Prepared for:

**WESTINGHOUSE SAVANNAH RIVER COMPANY
PO Box 616
AIKEN, SC 29808**

Prepared by:

**ECOVA Corporation
18640 NE 67th Court, Suite 200
Redmond, WA 98052**

**September 1993
Project No. 1117**

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FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals tabular format

Disk 3

WSRC DATA AND CHART

AVERAGED DATE

	DAYS	VC (PPM)
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	30.77778
	238	30.77778
5	239	11
	241	11
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	0
	286	0
9	287	0
	363	0
10	364	0
	389	0
11	390	9
	430	9

DATES

DAYS

DCM (PPM)

DCMAMH10.XLS

WSRC DATA AND C

AVERAGED DATA

DAYS	DCM (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 8
	238 8
5	239 0
	241 0
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 0
	286 0
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	DCE-t (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 7
	238 7
5	239 0
	241 0
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 0
	286 0
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

VSRC AVERAGED DATA

FILE NAME:

DAYS	c-DCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 1
	238 1
5	239 0
	241 0
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 0
	286 0
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	TCE (PPM)
1	0
	22
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 13
	238 13
5	239 0
	241 0
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 0
	286 0
9	287 0
	362 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	PCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 21
	238 21
5	239 0
	241 0
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 4
	286 4
9	287 1
	363 1
10	364 3
	389 3
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	VOC (PPM)
1	0
	22
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 81
	238 81
5	239 11
	241 11
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 4
	286 4
9	287 1
	363 1
10	364 3
	389 3
11	390 9
	430 9

WSRC AVERAGED DATA

FILE NAME:

DAYS	VOC (PPM)
1	0 0.0000
	22 0.0000
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 2.8385
	238 2.8385
5	239 2.8893
	241 2.8893
6	242 0.0000
	255 0.0000
7	256 #DIV/0!
	259 #DIV/0!
8	260 0.0000
	286 0.0000
9	287 0.2339
	363 0.2339
10	364 0.3672
	389 0.3672
11	390 2.2854
	430 2.2854

WSRC AVERAGED DATA

DAYS	VC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 28
	238 28
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 18
	430 18

WSRC AVERAGED DATA

FILE NAME:

DAYS	DCM (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 9
	238 9
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	DCE-t (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 9
	238 9
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	TCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 30
	238 30
5	239 #DIV/0!
	241 #DIV/0!
6	242 11
	255 11
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 6
	363 6
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	PCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 28
	238 28
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	VOC (PPM)
1	0
	22
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 104
	238 104
5	239 #DIV/0!
	241 #DIV/0!
6	242 11
	255 11
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 6
	363 6
10	364 0
	389 0
11	390 18
	430 18

WSRC AVERAGED DATA

FILE NAME:

DAYS	CO2 %
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	CH4 %
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 3.5
	238 3.5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.6
	255 0.6
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.5
	363 0.5
10	364 0.1
	389 0.1
11	390 1.6
	430 1.6

WSRC AVERAGED DATA

FILE NAME:

DAYS	VC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 25
	238 25
5	239 #DIV/0!
	241 #DIV/0!
6	242 9
	255 9
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 12
	430 12

WSRC AVERAGED DATA

FILE NAME:

DAYS	DCM (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	t-DCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 8
	238 8
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	c-DCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

FILE NAME:

DAYS	TCE (PPM)
1	0
	22
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 94
	238 94
5	239 #DIV/0!
	241 #DIV/0!
6	242 69
	255 69
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 46
	363 46
10	364 46
	389 46
11	390 25
	430 25

WSRC AVERAGED DATA

FILE NAME:

DAYS	PCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 62
	238 62
5	239 #DIV/0!
	241 #DIV/0!
6	242 32
	255 32
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 22
	363 22
10	364 23
	389 23
11	390 9
	430 9

WSRC AVERAGED DATA

FILE NAME:

DAYS	CO2 %
1	0 0.00
	22 0.00
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.16
	238 0.16
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.13
	255 0.13
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.00
	363 0.00
10	364 0.00
	389 0.00
11	390 0.00
	430 0.00

WSRC AVERAGED DATA

FILE NAME:

DAYS	CH4 %
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 3.2
	238 3.2
5	239 #DIV/0!
	241 #DIV/0!
6	242 1.6
	255 1.6
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.6
	363 0.6
10	364 0.2
	389 0.2
11	390 1.4
	430 1.4

WSRC AVERAGED DATA

FILE NAME:

DAYS	VOC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 188
	238 188
5	239 #DIV/0!
	241 #DIV/0!
6	242 101
	255 101
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 68
	363 68
10	364 69
	389 69
11	390 46
	430 46

WSRC AVERAGED DATA

FILE NAME:

DAYS	VC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 27
	238 27
5	239 #DIV/0!
	241 #DIV/0!
6	242 9
	255 9
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	DCM (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 5
	238 5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	c-DCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 #N/A
	238 #N/A
5	239 #DIV/0!
	241 #DIV/0!
6	242 #N/A
	255 #N/A
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 #N/A
	363 #N/A
10	364 #N/A
	389 #N/A
11	390 #N/A
	430 #N/A

WSRC AVERAGED DATA

DAYS	DCE-t (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 5
	238 5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	TCE (PPM)
1	0
	22
	0
2	23
	#DIV/0!
	55
	#DIV/0!
3	56
	#DIV/0!
	162
	#DIV/0!
4	163
	32
	238
	32
5	239
	#DIV/0!
	241
	#DIV/0!
6	242
	0
	255
	0
7	256
	#DIV/0!
	259
	#DIV/0!
8	260
	#DIV/0!
	286
	#DIV/0!
9	287
	5
	363
	5
10	364
	0
	389
	0
11	390
	0
	430
	0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	27
	238	27
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	VOC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 95
	238 95
5	239 #DIV/0!
	241 #DIV/0!
6	242 9
	255 9
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 5
	363 5
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	CO2 %
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	CH4 %
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 3
	238 3
5	239 #DIV/0!
	241 #DIV/0!
6	242 1
	255 1
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 1
	430 1

WSRC AVERAGED DATA

DAYS	DCE-t (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 4
	238 4
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	VC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 25
	238 25
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	DCM (PPM)
1	0
	22
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 6
	238 6
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	253 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	DCE-c (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	TCE (PPM)
1	0
	22
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 22
	238 22
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	PCE (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 21
	238 21
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	VOC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 76
	238 76
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	CO2 %
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	CH4 %
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 3
	238 3
5	239 #DIV/0!
	241 #DIV/0!
6	242 1
	255 1
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 1
	430 1

WSRC AVERAGED DATA

DAYS	VC (PPM)
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 25
	238 25
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	DCM (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	6
	238	6
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCE-I	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	4
	238	4
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCE-t (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	3
	238	3
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	22
	238	22
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	20
	238	20
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	79
	238	79
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

DO NOT MICROFILM
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WSRC AVERAGED DATA

DAYS	CO2 %	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	CH4 %	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	3
	238	3
5	239	#DIV/0!
	241	#DIV/0!
6	242	1
	255	1
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	1
	430	1

DO NOT MICROFILM
THIS PAGE

WSRC AVERAGED DATA

DAYS	VC (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	24
	238	24
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCM (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	5
	238	5
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	280	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCE-1 (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	4
	238	4
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCE-c (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	23
	238	23
5	239	#DIV/0!
	241	#DIV/0!
6	242	5
	255	5
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	76
	238	76
5	239	#DIV/0!
	241	#DIV/0!
6	242	5
	255	5
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	CO2 % MHV10
1	0 0.00
	22 0.00
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.00
	238 0.00
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.00
	255 0.00
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.00
	363 0.00
10	364 0.00
	389 0.00
11	390 0.14
	430 0.14

WSRC AVERAGED DATA

DAYS	CH4 % MHV10
1	0 0.00
	22 0.00
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 1.92
	238 1.92
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.65
	255 0.65
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.17
	363 0.17
10	364 0.26
	389 0.26
11	390 0.64
	430 0.64

WSRC AVERAGED DATA

DAYS	VC (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	16
	238	16
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCM (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCE-t (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCE-c (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	17
	238	17
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	19
	238	19
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	52
	238	52
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	CO2 % MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.1
	238 0.1
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.4
	255 0.4
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.2
	363 0.2
10	364 0.0
	389 0.0
11	390 0.4
	430 0.4

WSRC AVERAGED DATA

DAYS	CH4 % MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 1.4
	238 1.4
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.4
	255 0.4
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.1
	363 0.1
10	364 0.1
	389 0.1
11	390 0.3
	430 0.3

WSRC AVERAGED DATA

DAYS	VC (PPM) I MHV10
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 4
	238 4
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	DCM (PPM) I MHV10
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0
	238 0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	DCE-t (PPM)	I MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

AVERAGE DCE-t PORT I MHV10

WSRC AVERAGED DATA

DAYS	DCE-t (PPM)	I MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	I MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	5
	238	5
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	PCE (PPM) I MHV10
1	0 0
	22 0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 15
	238 15
5	239 #DIV/0!
	241 #DIV/0!
6	242 0
	255 0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0
	363 0
10	364 0
	389 0
11	390 0
	430 0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	I MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	24
	238	24
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	CO2 % I MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.1
	238 0.1
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.9
	255 0.9
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.3
	363 0.3
10	364 0.0
	389 0.0
11	390 0.7
	430 0.7

WSRC AVERAGED DATA

DAYS	CH4 % I MHV10
1	0 0.00
	22 0.00
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.11
	238 0.11
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.12
	255 0.12
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.00
	363 0.00
10	364 0.00
	389 0.00
11	390 0.00
	430 0.00

WSRC AVERAGED DATA

DAYS	VC (PPM)	J MHV10
1	0	0
	22	0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0
	238	0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0
	255	0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0
	363	0
10	364	0
	389	0
11	390	0
	430	0

WSRC AVERAGED DATA

DAYS	DCM (PPM) J MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	J MHV10
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	4.5
	238	4.5
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.0
	363	0.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) J MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 15.5
	238 15.5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) J MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 20.0
	238 20.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CO2 % J MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.9
	255 0.9
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.3
	363 0.3
10	364 0.0
	389 0.0
11	390 0.8
	430 0.8

WSRC AVERAGED DATA

DAYS	CH4 % J MHV10
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 2.4
	238 2.4
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.1
	255 0.1
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) A MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 14.0
	238 14.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 20.0
	363 20.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) A MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 21.0
	238 21.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 21.0
	363 21.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) A MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 35.0
	238 35.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 41.0
	363 41.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CH4 % A MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 4.1
	238 4.1
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) B MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 10.0
	238 10.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) B MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 19.0
	238 19.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 14.0
	255 14.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 7.0
	363 7.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

AIM

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301/587-8202

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Inches

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WSRC AVERAGED DATA

DAYS	VOC (PPM) B MH11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 29.0
	238 29.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 14.0
	255 14.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 7.0
	363 7.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	C MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	10.0
	238	10.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.0
	363	0.0
10	364	0.0
	369	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	C MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	18.0
	238	18.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.0
	363	0.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) C MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 28.0
	238 28.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	D MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	7.5
	238	7.5
5	239	0.0
	241	0.0
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	1.8
	286	1.8
9	287	8.0
	363	8.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	D MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	12.8
	238	12.8
5	239	0.0
	241	0.0
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	0.0
	286	0.0
9	287	1.8
	363	1.8
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	D MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	22.8
	238	22.8
5	239	0.0
	241	0.0
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	1.8
	286	1.8
9	287	9.8
	363	9.8
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	CO2 % D MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.5
	238 0.5
5	239 0.3
	241 0.3
6	242 0.4
	255 0.4
7	256 #DIV/0!
	259 #DIV/0!
8	260 0.3
	286 0.3
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.4
	430 0.4

WSRC AVERAGED DATA

DAYS	CH4 % D MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 #DIV/0!
	162 #DIV/0!
4	163 0.4
	238 0.4
5	239 0.3
	241 0.3
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 0.6
	286 0.6
9	287 0.2
	363 0.2
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	E MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	#DIV/0!
	162	#DIV/0!
4	163	0.0
	238	0.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	12.0
	363	12.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	E MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	20.0
	163	20.0
4	163	15.0
	238	15.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	6.0
	363	6.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	E MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	32.0
	163	32.0
4	163	15.0
	238	15.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	18.0
	363	18.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	CO2 % E MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.4
	163 0.4
4	163 0.3
	238 0.3
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.3
	255 0.3
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.4
	430 0.4

WSRC AVERAGED DATA

DAYS	CH4 % E MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.3
	363 0.3
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	F MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	10.0
	163	10.0
4	163	0.0
	238	0.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	13.0
	363	13.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	F MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	16.0
	163	16.0
4	163	15.0
	238	15.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	5.0
	363	5.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) F MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 26.0
	163 26.0
4	163 15.0
	238 15.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 18.0
	363 18.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CO2 % F MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.8
	163 0.8
4	163 0.5
	238 0.5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.2
	255 0.2
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.4
	430 0.4

WSRC AVERAGED DATA

DAYS	CH4 % F MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.2
	363 0.2
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	G MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	11.0
	163	11.0
4	163	10.0
	238	10.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	12.0
	363	12.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	G MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	17.0
	163	17.0
4	163	16.0
	238	16.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	5.0
	363	5.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	G MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	28.0
	163	28.0
4	163	28.0
	238	28.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	17.0
	363	17.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	CO2 % G MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.8
	163 0.8
4	163 0.4
	238 0.4
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.3
	255 0.3
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.4
	430 0.4

WSRC AVERAGED DATA

DAYS	CH4 % G MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.3
	363 0.3
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	H MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	9.0
	163	9.0
4	163	10.0
	238	10.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	9.0
	363	9.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) H MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 15.0
	163 15.0
4	163 16.0
	238 16.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	H MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	24.0
	163	24.0
4	163	33.0
	238	33.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	9.0
	363	9.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	CO2 % H MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.8
	163 0.8
4	163 0.5
	238 0.5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.3
	255 0.3
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.3
	430 0.3

WSRC.AVERAGED DATA

DAYS	CH4 % H MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.1
	363 0.1
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) I MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 10.0
	163 10.0
4	163 9.0
	238 9.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 10.0
	363 10.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 16.0
	163 16.0
4	163 15.0
	238 15.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) I MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 26.0
	163 26.0
4	163 24.0
	238 24.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 10.0
	363 10.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CO2 % I MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.4
	163 0.4
4	163 0.5
	238 0.5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.3
	255 0.3
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.3
	430 0.3

WSRC AVERAGED DATA

DAYS	CH4 %	IMHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	0.0
	163	0.0
4	163	0.0
	238	0.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.1
	363	0.1
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM)	J MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	9.0
	163	9.0
4	163	0.0
	238	0.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	7.0
	363	7.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	J MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	15.0
	163	15.0
4	163	15.0
	238	15.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.0
	363	0.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	J MHV11
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	24.0
	163	24.0
4	163	15.0
	238	15.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	7.0
	363	7.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	CO2 % J MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.8
	163 0.8
4	163 0.5
	238 0.5
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.3
	255 0.3
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.4
	430 0.4

WSRC AVERAGED DATA

DAYS	CH4 % J MHV11
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.1
	363 0.1
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VC (PPM) A MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 4.7
	238 4.7
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) A MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 11.0
	163 11.0
4	163 17.3
	238 17.3
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 6.0
	363 6.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) A MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 15.0
	163 15.0
4	163 17.0
	238 17.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) A MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 26.0
	163 26.0
4	163 39.0
	238 39.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 6.0
	363 6.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CO2 % A MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.6
	238 0.6
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.1
	363 0.1
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CH4 % A MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.2
	238 0.2
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.2
	363 0.2
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VC (PPM) B MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 6.0
	238 6.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) B MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 16.0
	163 16.0
4	163 46.3
	238 46.3
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 11.0
	363 11.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) B MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 17.0
	163 17.0
4	163 29.3
	238 29.3
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) B MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 33.0
	163 33.0
4	163 81.7
	238 81.7
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 11.0
	363 11.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CO2 % B MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	58 0.3
	163 0.3
4	163 1.0
	238 1.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	258 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.3
	363 0.3
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	CH4 % B MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 0.4
	238 0.4
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 1.4
	363 1.4
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) C MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 11.0
	163 11.0
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	PCE (PPM)	C MHV12
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	16.0
	163	16.0
4	163	0.0
	238	0.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.0
	363	0.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM)	C MHV12
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	27.0
	163	27.0
4	163	0.0
	238	0.0
5	239	#DIV/0!
	241	#DIV/0!
6	242	0.0
	255	0.0
7	256	#DIV/0!
	259	#DIV/0!
8	260	#DIV/0!
	286	#DIV/0!
9	287	0.0
	363	0.0
10	364	0.0
	389	0.0
11	390	0.0
	430	0.0

WSRC AVERAGED DATA

DAYS	CO2 % C MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.1
	163 0.1
4	163 0.0
	238 0.0
5	239 #DIV/0!
	241 #DIV/0!
6	242 0.0
	255 0.0
7	256 #DIV/0!
	259 #DIV/0!
8	260 #DIV/0!
	286 #DIV/0!
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VC (PPM) J MHJV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.0
	163 0.0
4	163 15.5
	238 15.5
5	239 14.0
	241 14.0
6	242 15.5
	255 15.5
7	256 #DIV/0!
	259 #DIV/0!
8	260 4.3
	286 4.3
9	287 0.0
	363 0.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	TCE (PPM) J MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 10.0
	163 10.0
4	163 29.0
	238 29.0
5	239 14.0
	241 14.0
6	242 17.5
	255 17.5
7	256 #DIV/0!
	259 #DIV/0!
8	260 13.8
	286 13.8
9	287 5.2
	363 5.2
10	364 6.7
	389 6.7
11	390 16.0
	430 16.0

WSRC AVERAGED DATA

DAYS	PCE (PPM) J MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 14.0
	163 14.0
4	163 18.3
	238 18.3
5	239 0.0
	241 0.0
6	242 7.5
	255 7.5
7	256 #DIV/0!
	259 #DIV/0!
8	260 4.8
	286 4.8
9	287 1.0
	363 1.0
10	364 0.0
	389 0.0
11	390 0.0
	430 0.0

WSRC AVERAGED DATA

DAYS	VOC (PPM) J MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 24.0
	163 24.0
4	163 65.8
	238 65.8
5	239 28.0
	241 28.0
6	242 33.5
	255 33.5
7	256 #DIV/0!
	259 #DIV/0!
8	260 18.5
	286 18.5
9	287 6.2
	363 6.2
10	364 6.7
	389 6.7
11	390 16.0
	430 16.0

WATER SRC AVERAGED DATA

DAYS	CO2 % J MHV12
1	0 0.0
	22 0.0
2	23 #DIV/0!
	55 #DIV/0!
3	56 0.2
	163 0.2
4	163 0.6
	238 0.6
5	239 0.6
	241 0.6
6	242 0.5
	255 0.5
7	256 #DIV/0!
	259 #DIV/0!
8	260 0.4
	286 0.4
9	287 0.2
	363 0.2
10	364 0.3
	389 0.3
11	390 0.3
	430 0.3

MSRC AVERAGED DATA

	DAYS	CH4 % J MHV12
1	0	0.0
	22	0.0
2	23	#DIV/0!
	55	#DIV/0!
3	56	0.0
	163	0.0
4	163	1.7
	238	1.7
5	239	2.4
	241	2.4
6	242	2.4
	255	2.4
7	256	#DIV/0!
	259	#DIV/0!
8	260	2.2
	286	2.2
9	287	0.7
	363	0.7
10	364	0.5
	389	0.5
11	390	0.3
	430	0.3

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FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals tabular format

Disk 4

DATES

DAYS

INJ. P PSIG

INJPRESS.XLS

WSRC AVERAGED DATA

	DAYS	INJ PRESS PSIG
1	2/26/92	0
	3/19/92	22
2	3/20/92	23 #DIV/0!
	4/21/92	55 #DIV/0!
3	4/22/92	56
	8/6/92	162
4	8/7/92	163
	10/21/92	238
5	10/22/92	239
	10/24/92	241
6	10/25/92	242
	11/7/92	255
7	11/8/92	256
	11/11/92	259
8	11/12/92	260
	12/8/92	286
9	12/9/92	287
	2/23/93	363
10	2/24/93	364
	3/21/93	389
11	3/22/93	390
	5/1/93	430

DATES

DAYS

INJ F. SCFM

INJFLOW.XLS

WSRC DATA & CHART

Campaign Intervals

	DATES	DAYS	INJ FLOW SCFM
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	183
	8/6/92	162	183
4	8/7/92	163	202
	10/21/92	238	202
5	10/22/92	239	201
	10/24/92	241	201
6	10/25/92	242	201
	11/7/92	255	201
7	11/8/92	256	202
	11/11/92	259	202
8	11/12/92	260	204
	12/8/92	286	204
9	12/9/92	287	204
	2/23/93	363	204
10	2/24/93	364	203
	3/21/93	389	203
11	3/22/93	390	205
	5/1/93	430	205

DATES

DAYS

INJ TEMP F

INJTEMP.XLS

WSRC DATA & CHART

Campaign Intervals

	DATES	DAYS	INJ TEMP F
1	2/28/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	82
	8/6/92	162	82
4	8/7/92	163	80
	10/21/92	238	80
5	10/22/92	239	73
	10/24/92	241	73
6	10/25/92	242	77
	11/7/92	255	77
7	11/8/92	256	64
	11/11/92	259	64
8	11/12/92	260	65
	12/8/92	286	65
9	12/9/92	287	56
	2/23/93	363	56
10	2/24/93	364	57
	3/21/93	389	57
11	3/22/93	390	69
	5/1/93	430	69

WSRC DATA & CHART

Campaign Intervals

	DATES	DAYS	INJ. P. (2) PSIG
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	32
	8/6/92	162	32
4	8/7/92	163	29
	10/21/92	238	29
5	10/22/92	239	28
	10/24/92	241	28
6	10/25/92	242	27
	11/7/92	255	27
7	11/8/92	256	28
	11/11/92	259	28
8	11/12/92	260	21
	12/8/92	286	21
9	12/9/92	287	19
	2/23/93	363	19
10	2/24/93	364	17
	3/21/93	389	17
11	3/22/93	390	13
	5/1/93	430	13

WSRC DATA & CHART

Campaign Intervals

	DATES	DAYS	INJ CH4 TEMP F.
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	15
	8/6/92	162	15
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	0
	2/23/93	363	0
10	2/24/93	364	0
	3/21/93	389	0
11	3/22/93	390	0
	5/1/93	430	0

WSRC DATA & CHART

Campaign Intervals			
	DATES	DAYS	COMPRESSOR OIL P. PSIG
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	87
	8/6/92	162	87
4	8/7/92	163	87
	10/21/92	238	87
5	10/22/92	239	89
	10/24/92	241	89
6	10/25/92	242	86
	11/7/92	255	86
7	11/8/92	256	90
	11/11/92	259	90
8	11/12/92	260	90
	12/8/92	286	90
9	12/9/92	287	92
	2/23/93	363	92
10	2/24/93	364	91
	3/21/93	389	91
11	3/22/93	390	82
	5/1/93	430	82

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	COMPRESSOR OIL T. F.
1	2/28/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	143
	8/6/92	162	143
4	8/7/92	163	143
	10/21/92	238	143
5	10/22/92	239	142
	10/24/92	241	142
6	10/25/92	242	143
	11/7/92	255	143
7	11/8/92	256	139
	11/11/92	259	139
8	11/12/92	260	141
	12/8/92	286	141
9	12/9/92	287	140
	2/23/93	363	140
10	2/24/93	364	140
	3/21/93	389	140
11	3/22/93	390	143
	5/1/93	430	143

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	COMP. HRS.
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	1909.3
	8/6/92	162	1909.3
4	8/7/92	163	3804.2
	10/21/92	238	3804.2
5	10/22/92	239	4658.0
	10/24/92	241	4658.0
6	10/25/92	242	4863.0
	11/7/92	255	4863.0
7	11/8/92	256	5083.8
	11/11/92	259	5083.8
8	11/12/92	260	5399.5
	12/8/92	286	5399.5
9	12/9/92	287	6412.5
	2/23/93	363	6412.5
10	2/24/93	364	7548.2
	3/21/93	389	7548.2
11	3/22/93	390	8268.3
	5/1/93	430	8268.3

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	INJ. COMPRESSOR CAPACITY %
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	43
	8/6/92	162	43
4	8/7/92	163	41
	10/21/92	238	41
5	10/22/92	239	39
	10/24/92	241	39
6	10/25/92	242	41
	11/7/92	255	41
7	11/8/92	256	39
	11/11/92	259	39
8	11/12/92	260	41
	12/8/92	286	41
9	12/9/92	287	40
	2/23/93	363	40
10	2/24/93	364	39
	3/21/93	389	39
11	3/22/93	390	38
	5/1/93	430	38

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	INJ. COMPR.	AIR TEMP F.
1	2/26/92	0	0	
	3/19/92	22	0	
2	3/20/92	23	#DIV/0!	
	4/21/92	55	#DIV/0!	
3	4/22/92	56	163	
	8/6/92	162	163	
4	8/7/92	163	163	
	10/21/92	238	163	
5	10/22/92	239	160	
	10/24/92	241	160	
6	10/25/92	242	162	
	11/7/92	255	162	
7	11/8/92	256	158	
	11/11/92	259	158	
8	11/12/92	260	160	
	12/8/92	286	160	
9	12/9/92	287	158	
	2/23/93	363	158	
10	2/24/93	364	159	
	3/21/93	389	159	
11	3/22/93	390	163	
	5/1/93	430	163	

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	INJ. COMPR. AIR P. PSIG
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	105
	8/6/92	162	105
4	8/7/92	163	106
	10/21/92	238	106
5	10/22/92	239	106
	10/24/92	241	106
6	10/25/92	242	106
	11/7/92	255	106
7	11/8/92	256	108
	11/11/92	259	108
8	11/12/92	260	109
	12/8/92	286	109
9	12/9/92	287	110
	2/23/93	363	110
10	2/24/93	364	108
	3/21/93	389	108
11	3/22/93	390	100
	5/1/93	430	100

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	INJ METH %LEL 1
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	20.1
	8/6/92	162	20.1
4	8/7/92	163	77.4
	10/21/92	238	77.4
5	10/22/92	239	39.8
	10/24/92	241	39.8
6	10/25/92	242	1.7
	11/7/92	255	1.7
7	11/8/92	256	32.0
	11/11/92	259	32.0
8	11/12/92	260	0.0
	12/8/92	286	0.0
9	12/9/92	287	20.4
	2/23/93	363	20.4
10	2/24/93	364	22.0
	3/21/93	389	22.0
11	3/22/93	390	19.8
	5/1/93	430	19.8

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	INJ METH %LEL 2
1	2/28/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	19.7
	8/6/92	162	19.7
4	8/7/92	163	37.7
	10/21/92	238	37.7
5	10/22/92	239	39.9
	10/24/92	241	39.9
6	10/25/92	242	1.7
	11/7/92	255	1.7
7	11/8/92	256	32.0
	11/11/92	259	32.0
8	11/12/92	260	0.0
	12/8/92	286	0.0
9	12/9/92	287	20.4
	2/23/93	363	20.4
10	2/24/93	364	22.0
	3/21/93	389	22.0
11	3/22/93	390	19.7
	5/1/93	430	19.7

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	FALSE
1	2/26/92	0	0.00
	3/19/92	22	0.00
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.89
	8/6/92	162	0.89
4	8/7/92	163	3.43
	10/21/92	238	3.43
5	10/22/92	239	3.50
	10/24/92	241	3.50
6	10/25/92	242	0.16
	11/7/92	255	0.16
7	11/8/92	256	2.11
	11/11/92	259	2.11
8	11/12/92	260	0.06
	12/8/92	286	0.06
9	12/9/92	287	1.40
	2/23/93	363	1.40
10	2/24/93	364	1.55
	3/21/93	389	1.55
11	3/22/93	390	1.29
	5/1/93	430	1.29

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	CATOK KWHR
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	4
	12/8/92	286	4
9	12/9/92	287	816
	2/23/93	363	816
10	2/24/93	364	1612
	3/21/93	389	1612
11	3/22/93	390	2015
	5/1/93	430	2015

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	BLOWER KWHR
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.0
	8/6/92	162	0.0
4	8/7/92	163	0.0
	10/21/92	238	0.0
5	10/22/92	239	0.0
	10/24/92	241	0.0
6	10/25/92	242	0.0
	11/7/92	255	0.0
7	11/8/92	256	0.0
	11/11/92	259	0.0
8	11/12/92	260	1.1
	12/8/92	286	1.1
9	12/9/92	287	210.6
	2/23/93	363	210.6
10	2/24/93	364	476.2
	3/21/93	389	476.2
11	3/22/93	390	641.3
	5/1/93	430	641.3

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	COMPR KWHR
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	6
	12/8/92	286	6
9	12/9/92	287	992
	2/23/93	363	992
10	2/24/93	364	2337
	3/21/93	389	2337
11	3/22/93	390	3218
	5/1/93	430	3218

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	NO2 PRESS PSIG
1	2/26/92	0	0.0
	3/19/92	22	0.0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.0
	8/6/92	162	0.0
4	8/7/92	163	0.0
	10/21/92	238	0.0
5	10/22/92	239	0.0
	10/24/92	241	0.0
6	10/25/92	242	0.0
	11/7/92	255	0.0
7	11/8/92	256	0.0
	11/11/92	259	0.0
8	11/12/92	260	0.0
	12/8/92	286	0.0
9	12/9/92	287	11.5
	2/23/93	363	11.5
10	2/24/93	364	36.1
	3/21/93	389	36.1
11	3/22/93	390	32.5
	5/1/93	430	32.5

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	NO2 FLOW RATE SCFM
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	13
	2/23/93	363	13
10	2/24/93	364	44
	3/21/93	389	44
11	3/22/93	390	67
	5/1/93	430	67

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	NO2 PRESS2 PSIG
1	2/26/92	0	0
	3/19/92	22	0
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0
	8/6/92	162	0
4	8/7/92	163	0
	10/21/92	238	0
5	10/22/92	239	0
	10/24/92	241	0
6	10/25/92	242	0
	11/7/92	255	0
7	11/8/92	256	0
	11/11/92	259	0
8	11/12/92	260	0
	12/8/92	286	0
9	12/9/92	287	5
	2/23/93	363	5
10	2/24/93	364	26
	3/21/93	389	26
11	3/22/93	390	24
	5/1/93	430	24

WSRC DATA & CHART

WSRC AVERAGED DATA

Campaign Intervals

	DATES	DAYS	NO2 CONC (%VOLUME)
1	2/26/92	0	0.0000
	3/19/92	22	0.0000
2	3/20/92	23	#DIV/0!
	4/21/92	55	#DIV/0!
3	4/22/92	56	0.0000
	8/6/92	162	0.0000
4	8/7/92	163	0.0000
	10/21/92	238	0.0000
5	10/22/92	239	0.0000
	10/24/92	241	0.0000
6	10/25/92	242	0.0000
	11/7/92	255	0.0000
7	11/8/92	256	0.0000
	11/11/92	259	0.0000
8	11/12/92	260	0.0000
	12/8/92	286	0.0000
9	12/9/92	287	0.0000
	2/23/93	363	0.0000
10	2/24/93	364	0.0471
	3/21/93	389	0.0471
11	3/22/93	390	0.1404
	5/1/93	430	0.1404

FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals graphical format

Disk 1

AVERAGE EXTRACTION LINE VACUUM

AVERAGE PRESS. CATOX SIDE OF BLOWER

AVERAGE EXTRACTION FLOW VELOCITY

AVERAGE EXTRACTION LINE TEMPERATURE

AVERAGE VC INFLUENT

AVERAGE DCM INFLUENT

AVERAGE t-DCE INFLUENT

AVERAGE c-DCE INFLUENT

AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910

301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

3 of 6

AVERAGE TCE INFLUENT

AVERAGE TOTAL VOC INFLUENT

AVERAGE VC EFFLUENT

AVERAGE t-DCE EFFLUENT

AVERAGE c-DCE EFFLUENT

AVERAGE TCE EFFLUENT

AVERAGE PCE EFFLUENT

AVERAGE TOTAL VOC EFFLUENT

FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals graphical format

Disk 2

AVERAGE VACUUM ON EBT 22'

AVERAGE VC EBT 22'

AVERAGE TCE IN EBT 22'

AVERAGE PCE IN EBT 22'

AVERAGE TOTAL VOC IN EBT 22'

AVERAGE CO2 IN EBT 22'

AVERAGE CH4 IN CBT 22'

AVERAGE VACUUM IN EBT 58'

AVERAGE VC IN EBT 58'

AVERAGE TCE IN EBT 58'

AVERAGE PCE IN EBT 58'

AVERAGE TOTAL VOC IN EBT 58'

AVERAGE VACUUM IN EBT 98'

AVERAGE VACUUM IN EBT 179

AVERAGE MET. CONC. INJ BT 20'

AVERAGE PRESS. ON INJ BT 120'

AVERAGE PRESSURE ON INJ BT 180'

AVERAGE CO2 IN INJ BT 180'

AVERAGE PRESSURE INJ B2 240'

AVERAGE CH4 IN INJ BT 240'

AVERAGE PRESSURE IN INJ BT 298'

AVERAGE CH4 IN INJ B2 298'

AVERAGE VACUUM ZONE A MHV-1

TCE AVERAGE ZONE A MHV-1

AVERAGE PCE IN ZONE A MHV-1

AVERAGE VOC ZONE A MHV-1

AVERAGE CO2 ZONE A MHV-1

AVERAGE CH4 ZONE A MHV-1

AVERAGE VACUUM ZONE B MHV-1

AVERAGE VC ZONE B MHV-1

AVERAGE t-DCE ZONE B MHV-1

AVERAGE TCE ZONE B MHV-1

AVERAGE PCE ZONE B MHV-1

AVERAGE VOC ZONE B MHV-1

AVERAGE CO2 ZONE B MHV-1

AVERAGE CH4 ZONE B MHV-1

AVERAGE VACUUM ZONE A MHV-2

AVERAGE VC ZONE A MHV-2

AVERAGE PCE IN ZONE A MHV-2

AVERAGE VOC ZONE A MHV-2

AVERAGE CO2 ZONE A MHV-2

AVERAGE CH4 ZONE A MHV-2

AVERAGE VC ZONE B MHV-2

AVERAGE TCE ZONE B MHV-2

AVERAGE PCE ZONE B MHV-2

AVERAGE VOC ZONE B MHV-2

AVERAGE CO2 ZONE B MHV-2

AVERAGE CH₄ ZONE B MHV-2

AVERAGE VACUUM ZONE C MHV-2

AVERAGE VC ZONE C MHV-2

AVERAGE PCE ZONE C MHV-2

AVERAGE VOC ZONE C MHV-2

AVERAGE CO2 ZONE C MHV-2

AVERAGE CH4 ZONE C MHV-2

AVERAGE VACUUM ZONE A MHV-3

AVERAGE PCE IN ZONE A MHV-3

AVERAGE VOC ZONE A MHV-3

AVERAGE CO2 ZONE A MHV-3

AVERAGE CH4 ZONE A MHV-3

AVERAGE VACUUM ZONE B MHV-3

AVERAGE VC ZONE B MHV-3

AVERAGE TCE ZONE B MHV-3

AVERAGE VOC ZONE B MHV-3

AVERAGE CO2 ZONE B MHV-3

AVERAGE CH4 ZONE B MHV-3

AVERAGE VACUUM ZONE C MHV-3

AVERAGE DCM ZONE C MHV-3

AVERAGE t-DCE ZONE C MHV-3

AVERAGE c-DCE ZONE C MHV-3

AVERAGE TCE ZONE C MHV-3

AVERAGE PCE ZONE CC MHV-3

AVERAGE VOC ZONE C MHV-3

AVERAGE CO2 ZONE C MHV-3

AIM

Association for Information and Image Management

1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

4 of 6

AVERAGE CH4 ZONE C MHV-3

AVERAGE VACUUM ZONE A MHV-4

AVERAGE VC ZONE A MHV-4

AVERAGE TCE IN ZONE A MHV-4

AVERAGE PCE IN ZONE A MHV-4

AVERAGE VOC ZONE A MHV-4

AVERAGE CO2 ZONE A MHV-4

AVERAGE CH₄ ZONE A MHV-4

AVERAGE VACUUM ZONE B MHV-4

AVERAGE VOC ZONE B MHV-4

AVERAGE PCE ZONE B MHV-4

AVERAGE CO2 ZONE B MHV-4

AVERAGE CH4 ZONE B MHV-4

AVERAGE VACUUM ZONE C MHV-4

AVERAGE VC ZONE C MHV-4

AVERAGE TCE ZONE C MHV-4

AVERAGE PCE ZONE C MHV-4

AVERAGE VOC ZONE C MHV-4

AVERAGE CH4 ZONE C MHV-4

AVERAGE TCE IN ZONE A MHV-5

AVERAGE VOC ZONE A MHV-5

AVERAGE CO2 ZONE A MHV-5

AVERAGE CH4 ZONE A MHV-5

AVERAGE VACUUM ZONE B MHV-5

AVERAGE TCE ZONE B MHV-5

AVERAGE PCE ZONE B MHV-5

AVERAGE VOC ZONE B MHV-5

AVERAGE CO2 ZONE B MHV-5

AVERAGE CH₄ ZONE B MHV-5

AVERAGE VACUUM ZONE C MHV-5

AVERAGE c-DCE ZONE C MHV-5

AVERAGE TCE ZONE C MHV-5

AVERAGE PCE ZONE C MHV-5

AVERAGE VOC ZONE C MHV-5

AVERAGE CO2 ZONE C MHV-5

AVERAGE CH4 ZONE C MHV-5

FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals graphical format

Disk 3

AVERAGE VC PORT A MHV10

AVERAGE DCM PORT A MHV10

AVERAGE t-DCE PORT A MHV10

AVERAGE DCD-c PORT A MHV10

AVERAGE TCE PORT A MHV10

AVERAGE PCE PORT A MHV10

AVERAGE VOC PORT A MHV10

AVERAGE CH4 PORT A MHV10

AVERAGE VC PORT B MHV10

AVERAGE DCM PORT B MHV10

AVERAGE t-DCE PORT B MHV10

AVERAGE TCE PORT B MHV10

AVERAGE PCE PORT B MHV10

AVERAGE VOC PORT B MHV10

AVERAGE CO2 PORT B MHV10

AVERAGE CH4 PORT B MHV10

AVERAGE VC PORT C MHV10

AVERAGE DCM PORT C MHV10

AVERAGE t-DCE PORT C MHV10

AVERAGE c-DCE PORT C MHV10

AVERAGE TCE ZONE C MHV10

AVERAGE PCE PORT C MHV10

AVERAGE CO2 PORT C MHV10

AVERAGE CH4 PORT C MHV10

AVERAGE VOC PORT C MHV10

AVERAGE VC ZONE D MHV-10

AVERAGE DCM PORT D MHV10

AVERAGE DCE-c PORT D MHV10

AVERAGE DCE_T PORT D MHV10

AVERAGE TCE PORT D MHV10

AVERAGE PCE PORT D MHV10

AVERAGE VOC PORT D MHV10

AVERAGE CO2 PORT D MHV10

AVERAGE CH4 PORT D MHV10

AVERAGE DCE-t PORT E MHV10

AVERAGE VC PORT E MHV10

AVERAGE DCM PORT E MHV10

AVERAGE DCE-c PORT E MHV10

AVERAGE TCE PORT E MHV10

AVERAGE PCE PORT E MHV10

AVERAGE VOC PORT E MHV10

AVERAGE CO2 PORT E MHV10

AVERAGE CH4 PORT E MHV10

AVERAGE VC PORT F MHV10

AVERAGE DCM PORT F MHV10

AVERAGE DCE-t PORT F MHV10

AVERAGE DCE-c PORT F MHV10

AVERAGE TCE PORT F MHV10

AVERAGE PCE PORT F MHV10

AVERAGE VOC PORT F MHV10

AVERAGE CO2 PORT F MHV10

AVERAGE CH4 PORT F MHV10

AVERAGE VC PORT F MHV10

AVERAGE DCM PORT G MHV10

AVERAGE DCE-t PORT G MHV10

AIM

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1100 Wayne Avenue, Suite 1100
Silver Spring, Maryland 20910
301/587-8202

Centimeter

Inches

MANUFACTURED TO AIM STANDARDS
BY APPLIED IMAGE, INC.

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AVERAGE DCE-c PORT G MHV10

AVERAGE TCE PORT G MHV10

AVERAGE PCE PORT G MHV10

AVERAGE VOC PORT G MHV10

AVERAGE CO2 PORT G MHV10

AVERAGE CH4 PORT G MHV10

AVERAGE VC PORT H MHV10

AVERAGE DCM PORT H MHV10

AVERAGE DCE-t PORT H MHV10

AVERAGE DCE-c PORT H MHV10

AVERAGE TCE PORT H MHV10

AVERAGE PCE PORT H MHV10

AVERAGE VOC PORT H MHV10

AVERAGE CO2 PORT H MHV10

AVERAGE CH4 PORT H MHV10

AVERAGE VC PORT I MHV10

AVERAGE DCM PORT I MHV10

AVERAGE DCE-c PORT I MHV10

AVERAGE TCE PORT I MHV10

AVERAGE PCE PORT I MHV10

AVERAGE VOC PORT I MHV10

AVERAGE CO2 PORT 1 MHV10

AVERAGE CH4 PORT I MHV10

AVERAGE VC PORT J MHV10

AVERAGE DCM PORT J MHV10

AVERAGE CH4 PORT J MHV10

AVERAGE TCE PORT A MHV11

AVERAGE PCE PORT A MHV11

AVERAGE VOC PORT A MHV11

AVERAGE CH4 PORT A MHV11

AVERAGE TCE PORT B MHV11

AVERAGE PCE PORT B MHV11

AVERAGE VOC PORT B MHV11

AVERAGE TCE PORT C MHV11

AVERAGE PCE PORT C MHV11

AVERAGE VOC PORT C MHV11

AVERAGE TCE PORT D MHV11

AVERAGE PCE PORT D MHV11

AVERAGE VOC PORT D MHV11

AVERAGE CO2 PORT D MHV11

AVERAGE CH4 PORT D MHV11

AVERAGE TCE PORT E MHV11

AVERAGE PCE PORT E MHV11

AVERAGE VOC PORT E M H V 11

AVERAGE CO2 PORT E MHV11

AVERAGE CH4 PORT E MHV11

AVERAGE TCE PORT F MHV11

AVERAGE PCE PORT F MHV11

AVERAGE VOC PORT F MHV11

AVERAGE CO2 PORT F MHV11

AVERAGE CH4 PORT F MHV11

AVERAGE TCE PORT G MHV11

AVERAGE PCE PORT G MHV11

AVERAGE VOC PORT G MHV11

AVERAGE CO2 PORT G MHV11

AVERAGE CH4 PORT G MHV11

AVERAGE TCE PORT H MHV11

AVERAGE PCE PORT H MHV11

AVERAGE VOC PORT H MHV11

AVERAGE CO2 PORT H MHV11

AVERAGE CH4 PORT H MHV11

AVERAGE TCE PORT I MHV11

AVERAGE PCE PORT I MHV11

AVERAGE VOC PORT 1 MHV11

AVERAGE CO2 PORT I MHV11

AVERAGE CH4 PORT I MHV11

AVERAGE TCE PORT J MHV'11

AVERAGE PCE PORT J MHV11

AVERAGE VOC PORT J MHV11

AVERAGE CO2 PORT J MHV11

AVERAGE CH4 PORT J MHV11

AVERAGE VC PORT A MHV12

AVERAGE TCE PORT A MHV12

AVERAGE PCE PORT A MHV12

AVERAGE VOC PORT A MHV12

AVERAGE CO2 PORT A MHV12

AVERAGE CH4 PORT A MHV12

AVERAGE VC PORT B MHV12

AVERAGE TCE PORT B MHV12

AVERAGE PCE PORT B MHV12

AVERAGE VOC PORT B MHV12

AVERAGE CO2 PORT B MHV12

AVERAGE CH4 PORT B MHV12

AVERAGE TCE PORT C MHV12

AVERAGE PCE PORT C MHV12

AVERAGE VOC PORT C MHV12

AVERAGE CO2 PORT C MHV12

AVERAGE VC PORT J MHV12

AVERAGE TCE PORT J MHV12

AVERAGE PCE PORT J MHV12

AVERAGE VOC PORT J MHV12

AVERAGE CO2 PORT J MHV12

AVERAGE CH4 PORT J MHV12

Sheet1

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FINAL REPORT APPENDIX

This section contains the following materials:

Data averaged over campaign intervals graphical format

Disk 4

AIM

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Centimeter

Inches

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AVERAGE INJECTION SYSTEM PRESSURE

AVERAGE FLOW OF INJECTION SYSTEM

AVERAGE INJECTION LINE TEMPERATURE

AVERAGE INJECTION SYSTEM WELL HEAD PRESSURE

AVERAGE INJECTION CH4 TEMPERATURE

AVERAGE COMPRESSOR OIL PRESSURE

AVERAGE COMPRESSOR OIL TEMPERATURE

AVERAGE INJECTION SYSTEM COMPRESSOR TOTAL HOURS

AVERAGE INJECTION SYSTEM COMPR. AIR PRESS.

AVERAGE INJECTION SYSTEM HORIBA #1

AVERAGE INJECTION SYSTEM HORIBA #2

AVERAGE INJECTION SYSTEM CH4 FLOW RATE

AVERAGE CATALYTIC OXIDIZER KWH USAGE

AVERAGE BLOWER KWH USAGE

AVERAGE INJECTION SYSTEM COMPRESSOR % CAPACITY

AVERAGE INJECTION SYSTEM COMPR. AIR. TEMP.

AVERAGE COMPRESSOR KWH USAGE

AVERAGE NITROUS OXIDE INJECTION PRESSURE

AVERAGE NITROUS OXIDE INJECTION RATE

AVERAGE NITROUS OXIDE INJECTION PRESSURE AT WELL HEAD

AVERAGE NITROUS OXIDE CONCENTRATIONS

DATE

FILMED

1/29/94

END