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19/08/2022 1:20

Boundary monitoring. In conjunction with ship venting . 2.10am to 3.10am
22/08/2019 David Ede, John Morris, Sam Weiss

Earlier readings were for in different locations around the Port

Unit Name MiniRAE 3000(PGM-7320)
Unit SN 592-911667
Unit Firmware Ver V2.16

Running Mode Hygiene Mode
Datalog Mode Auto
Diagnostic Mode No
Stop Reason Power Down

Site ID RAE00000
User ID 1

Begin 22/08/2019 1:20
End 22/08/2019 3:12
Sample Period(s) 60
Number of Records 112

Sensor PID(ppm)
Sensor SN S023030322QC
Measure Type Avg; Max
Span 10
Span 2 1000
Low Alarm 2
High Alarm 5
Over Alarm 15000
STEL Alarm 2
TWA Alarm 1
Measurement Gas Methyl bromide
Calibration Time 20/08/2019 9:15
Peak N/A
Min N/A
Average N/A

Datalog

| Index | Date/Time | PID(ppm) (Avg) | PID(ppm) (Max) |
|-------|-----------------|-------------------|-------------------|
| 1 | 22/08/2019 1:21 | 0.1 | 0.2 |
| 2 | 22/08/2019 1:22 | 0 | 0.1 |
| 3 | 22/08/2019 1:23 | 0.1 | 0.2 |
| 4 | 22/08/2019 1:24 | 0.2 | 0.2 |

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|----|-----------------|-----|-----|
| 5 | 22/08/2019 1:25 | 0.2 | 0.2 |
| 6 | 22/08/2019 1:26 | 0.2 | 0.3 |
| 7 | 22/08/2019 1:27 | 0.1 | 0.2 |
| 8 | 22/08/2019 1:28 | 0.2 | 0.2 |
| 9 | 22/08/2019 1:29 | 0.3 | 0.4 |
| 10 | 22/08/2019 1:30 | 0.2 | 0.3 |
| 11 | 22/08/2019 1:31 | 0.3 | 0.4 |
| 12 | 22/08/2019 1:32 | 0.4 | 0.6 |
| 13 | 22/08/2019 1:33 | 0.4 | 0.5 |
| 14 | 22/08/2019 1:34 | 0.4 | 0.5 |
| 15 | 22/08/2019 1:35 | 0.4 | 1 |
| 16 | 22/08/2019 1:36 | 0.3 | 1.1 |
| 17 | 22/08/2019 1:37 | 0.3 | 0.5 |
| 18 | 22/08/2019 1:38 | 0.3 | 0.6 |
| 19 | 22/08/2019 1:39 | 0.4 | 0.6 |
| 20 | 22/08/2019 1:40 | 0.3 | 0.5 |
| 21 | 22/08/2019 1:41 | 0.2 | 0.4 |
| 22 | 22/08/2019 1:42 | 0.4 | 0.6 |
| 23 | 22/08/2019 1:43 | 0.3 | 0.6 |
| 24 | 22/08/2019 1:44 | 0.4 | 0.6 |
| 25 | 22/08/2019 1:45 | 0.4 | 0.6 |
| 26 | 22/08/2019 1:46 | 0.3 | 0.7 |
| 27 | 22/08/2019 1:47 | 0.7 | 1.5 |
| 28 | 22/08/2019 1:48 | 0.9 | 1.6 |
| 29 | 22/08/2019 1:49 | 0.2 | 0.7 |
| 30 | 22/08/2019 1:50 | 0.4 | 1.1 |
| 31 | 22/08/2019 1:51 | 1.2 | 1.6 |
| 32 | 22/08/2019 1:52 | 0.7 | 1.6 |
| 33 | 22/08/2019 1:53 | 0.4 | 0.7 |
| 34 | 22/08/2019 1:54 | 0.5 | 0.7 |
| 35 | 22/08/2019 1:55 | 0.6 | 0.9 |
| 36 | 22/08/2019 1:56 | 0.7 | 0.9 |
| 37 | 22/08/2019 1:57 | 0.9 | 1.1 |
| 38 | 22/08/2019 1:58 | 0.9 | 1.2 |
| 39 | 22/08/2019 1:59 | 0.7 | 1 |
| 40 | 22/08/2019 2:00 | 1 | 1.2 |
| 41 | 22/08/2019 2:01 | 1 | 1.4 |
| 42 | 22/08/2019 2:02 | 1.2 | 1.6 |
| 43 | 22/08/2019 2:03 | 1.2 | 1.7 |
| 44 | 22/08/2019 2:04 | 0.9 | 1.2 |
| 45 | 22/08/2019 2:05 | 0.9 | 1.3 |
| 46 | 22/08/2019 2:06 | 0.8 | 1.1 |
| 47 | 22/08/2019 2:07 | 0.9 | 1.1 |
| 48 | 22/08/2019 2:08 | 1 | 1.1 |
| 49 | 22/08/2019 2:09 | 0.7 | 1 |
| 50 | 22/08/2019 2:10 | 0.7 | 0.9 |
| 51 | 22/08/2019 2:11 | 0.9 | 1.1 |
| 52 | 22/08/2019 2:12 | 0.9 | 1.1 |
| 53 | 22/08/2019 2:13 | 1 | 1.2 |
| 54 | 22/08/2019 2:14 | 1.1 | 1.3 |

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| 55 | 22/08/2019 2:15 | 1.2 | 1.4 |
| 56 | 22/08/2019 2:16 | 1.2 | 1.4 |
| 57 | 22/08/2019 2:17 | 1.1 | 1.4 |
| 58 | 22/08/2019 2:18 | 1.2 | 1.7 |
| 59 | 22/08/2019 2:19 | 1.6 | 1.8 |
| 60 | 22/08/2019 2:20 | 1.8 | 2.1 |
| 61 | 22/08/2019 2:21 | 1.7 | 2.1 |
| 62 | 22/08/2019 2:22 | 1.5 | 1.8 |
| 63 | 22/08/2019 2:23 | 1.8 | 2.2 |
| 64 | 22/08/2019 2:24 | 2 | 2.4 |
| 65 | 22/08/2019 2:25 | 1.8 | 2.1 |
| 66 | 22/08/2019 2:26 | 1.4 | 1.8 |
| 67 | 22/08/2019 2:27 | 1 | 1.2 |
| 68 | 22/08/2019 2:28 | 1.2 | 1.8 |
| 69 | 22/08/2019 2:29 | 1.5 | 1.8 |
| 70 | 22/08/2019 2:30 | 1.5 | 1.7 |
| 71 | 22/08/2019 2:31 | 1.6 | 2 |
| 72 | 22/08/2019 2:32 | 1.4 | 1.7 |
| 73 | 22/08/2019 2:33 | 1.4 | 1.9 |
| 74 | 22/08/2019 2:34 | 1.3 | 1.6 |
| 75 | 22/08/2019 2:35 | 1.4 | 1.6 |
| 76 | 22/08/2019 2:36 | 1.7 | 2 |
| 77 | 22/08/2019 2:37 | 1.5 | 1.8 |
| 78 | 22/08/2019 2:38 | 1.3 | 1.5 |
| 79 | 22/08/2019 2:39 | 1.3 | 1.5 |
| 80 | 22/08/2019 2:40 | 1 | 1.2 |
| 81 | 22/08/2019 2:41 | 0.9 | 1.1 |
| 82 | 22/08/2019 2:42 | 0.9 | 1.1 |
| 83 | 22/08/2019 2:43 | 1.1 | 1.3 |
| 84 | 22/08/2019 2:44 | 1 | 1.3 |
| 85 | 22/08/2019 2:45 | 1.1 | 1.3 |
| 86 | 22/08/2019 2:46 | 1.1 | 1.5 |
| 87 | 22/08/2019 2:47 | 0.9 | 1.2 |
| 88 | 22/08/2019 2:48 | 1 | 1.3 |
| 89 | 22/08/2019 2:49 | 1 | 1.2 |
| 90 | 22/08/2019 2:50 | 1.1 | 1.3 |
| 91 | 22/08/2019 2:51 | 1.2 | 1.6 |
| 92 | 22/08/2019 2:52 | 1 | 1.4 |
| 93 | 22/08/2019 2:53 | 1 | 1.2 |
| 94 | 22/08/2019 2:54 | 0.6 | 0.9 |
| 95 | 22/08/2019 2:55 | 1.2 | 1.7 |
| 96 | 22/08/2019 2:56 | 1.3 | 1.7 |
| 97 | 22/08/2019 2:57 | 1 | 1.3 |
| 98 | 22/08/2019 2:58 | 1.2 | 1.5 |
| 99 | 22/08/2019 2:59 | 1.1 | 1.5 |
| 100 | 22/08/2019 3:00 | 1.1 | 1.4 |
| 101 | 22/08/2019 3:01 | 1 | 1.3 |
| 102 | 22/08/2019 3:02 | 1 | 1.2 |
| 103 | 22/08/2019 3:03 | 1.2 | 1.4 |
| 104 | 22/08/2019 3:04 | 1.3 | 1.6 |

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|---------|-----------------|-----|-----|
| 105 | 22/08/2019 3:05 | 1.1 | 1.4 |
| 106 | 22/08/2019 3:06 | 0.8 | 1 |
| 107 | 22/08/2019 3:07 | 0.6 | 0.9 |
| 108 | 22/08/2019 3:08 | 0.7 | 1.1 |
| 109 | 22/08/2019 3:09 | 0.8 | 1.2 |
| 110 | 22/08/2019 3:10 | 1.2 | 1.4 |
| 111 | 22/08/2019 3:11 | 1.2 | 1.5 |
| 112 | 22/08/2019 3:12 | 0.8 | 1.1 |
| Peak | | 2 | 2.4 |
| Min | | 0 | 0.1 |
| Average | | 0.9 | 1.2 |

For highlighted (canister sample) time (2.10 - 3.12pm)

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|---------|----------|
| Peak | 2.40 ppm |
| Average | 1.18 ppm |