NYC 9/11 Public Portal Document

ATC / Liberty Mutual
Quantifiable Hydrogen Sulfide Air Sample Results

Time-Weighted Average Sample Data

Sample Number	Sample ID	Zone	Job Description	Begin Time	End Time	Worker	Analyte	Results	OEL	Shift Adj. OEL	% OEL	% Shift Adj OEL
1 TWA	WTC-BO-CD—011208-09	BO	2' from Sewer Opening. By handrail to Grace Trailer	12/8/2001 9:37:00 PM	12/9/2001 9:38:00 AM	Time-Weighed Average Area Sample	Hydrogen Sulfide	16 ppm	10	10	160.00%	160.00%
2 TWA	WTC-BO-CJ-H-011231-02	BO	Labor on Gate Ent. SW Corner Sewer	12/31/2001 7:42:00 AM	12/31/2001 2:51:00 PM	Worn by Worker	Hydrogen Sulfide	0.14 ppm	10	10	1.39%	1.39%
3 TWA	WTC-ER-RF-H-020215-02	ER	flagger by entrance to vesey st.	2/15/2002 7:42:00 AM	2/15/2002 3:05:00 PM	Worn by Worker	Hydrogen Sulfide	0.12 ppm	10	10	1.21%	1.21%
4 TWA	WTC-BO-RM-H-020208-02	BO	West & Vesey next to Verizon Bldg	2/8/2002 7:42:00 PM	2/9/2002 3:00:00 AM	Time-Weighed Average Area Sample	Hydrogen Sulfide	0.11 ppm	10	10	1.11%	1.11%
5 TWA	WTC-BO-RF—011208-02	BO	45' North of sewer grate on chain link fence in Grace/Bovis Area	12/8/2001 9:23:00 AM	12/8/2001 9:30:00 PM	Time-Weighed Average Area Sample	Hydrogen Sulfide	0.094 ppm	10	10	0.94%	0.94%
6 TWA	WTC-BO-CJ-H-011231-03	BO	Adjacent to guard booth, SW corner sewer.	12/31/2001 7:43:00 AM	12/31/2001 2:53:00 PM	Time-Weighed Average Area Sample	Hydrogen Sulfide	0.088 ppm	10	10	0.88%	0.88%
7 TWA	WTC-AM-RF-H-020114-02	AM	nw Section of Ground Zero West St	1/14/2002 7:42:00 AM	1/14/2002 3:13:00 PM	Time-Weighed Average Area Sample	Hydrogen Sulfide	0.068 ppm	10	10	0.68%	0.68%
8 TWA	WTC-BO-CJ-H-020113-02	BO	sw Corner Area Sample Gate	1/13/2002 8:09:00 AM	1/13/2002 3:21:00 PM	Time-Weighed Average Area Sample	Hydrogen Sulfide	0.056 ppm	10	10	0.56%	0.56%
9 TWA	WTC-BO-MA—011208-08	BO	45' North of sewer grate on chain link fence in Grace/Bovis Area	12/8/2001 9:35:00 PM	12/9/2001 9:36:00 AM	Time-Weighed Average Area Sample	Hydrogen Sulfide	0.055 ppm	10	10	0.55%	0.55%
10 TWA	WTC-BO-CJ-H-020107-02	BO	Worker SW Corner Grace/Bovis	1/7/2002 8:25:00 AM	1/7/2002 3:55:00 PM	Worn by Worker	Hydrogen Sulfide	0.0040 ppm	10	10	0.04%	0.04%

Direct Reading Instrument Data

1 DR	Direct Reading		SW corner, near Grace Trailer	2/22/2002	2/22/2002	Instantaneous Area Sample	Hydrogen Sulfide	22 ppm	10	10	220%	220%
2 DR	Direct Reading		Front of Bankers Trust Southern Part Slurry Wall	2/27/2002	2/27/2002	Instantaneous Area Sample	Hydrogen Sulfide	15 ppm	10	10	150%	150%
3 DR	Direct Reading		SW corner, near Grace Trailer	2/22/2002	2/22/2002	Instantaneous Area Sample	Hydrogen Sulfide	8 ppm	10	10	80%	80%
4 DR	Direct Reading		West & Liberty	2/28/2002	2/28/2002	Instantaneous Area Sample	Hydrogen Sulfide	4 ppm	10	10	40%	40%
5 DR	Direct Reading		South Slurry Wall	2/22/2002	2/22/2002	Instantaneous Area Sample	Hydrogen Sulfide	2 ppm	10	10	20%	20%

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