



alpha

Alpha Analytical Laboratories, Inc.

email: clientservices@alpha-labs.com

Corporate: 208 Mason Street | Ukiah, CA 95482 | T: 707-468-0401 | F: 707-468-5267 | ELAP# 1551

16 August 2022

City of Belvedere

Attn: Chris Barry

450 San Rafael Ave.

Belvedere, CA 94920

RE: Misc. Testing

Work Orders: 22G1471 - 22H1454

Enclosed are the results of analyses for samples received by the laboratory on 07/13/22 09:45-08/10/22 11:30. If you have any questions concerning this report, please feel free to contact me.

Stephen F. McWeeney

Project Manager



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450 San Rafael Ave.
Belvedere, CA 94920

Project Manager: Chris Barry
Project: Misc. Testing
Project Number: [none]

Reported:
08/16/22 15:43

Bay Area: 262 Rickenbacker Circle | Livermore, CA 94551 | 925-828-6226 | ELAP# 2728
Central Valley: 9090 Union Park Way Suite 113 | Elk Grove, CA 95624 | 916-686-5190 | ELAP# 2922
North Bay: 737 Southpoint Blvd Unit D | Petaluma, CA 94954 | 707-769-3128 | ELAP# 2303
San Diego: 2722 Loker Avenue West Suite A | Carlsbad, CA 92010 | 760-930-2555 | ELAP# 3055
Los Angeles: 1230 E. 223rd Street Suite 205 | Carson, CA 90745 | 424-267-5032 | Service Center

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Playground Surface	22G1471-01	Other (W)	07/13/22 09:00	07/13/22 09:45
Playground Surface	22H0228-01	Other (W)	08/02/22 10:30	08/02/22 10:30
Playground Surface (Ref# 22H0228-01)	22H1454-01	Other (W)	08/02/22 10:30	08/10/22 11:30

Received date indicates date additional analyses requested. Actual received date was 8/2/22 @ 1030



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	Result	Units	Reporting Limit	Dilution	Batch	Prepared	Analyzed	ELAP#	Method	Note
Playground Surface (22G1471-01)		Sample Type: Other (W)			Sampled: 07/13/22 09:00					
Metals by EPA 6000/7000 Series Methods										
Lead	0.84	mg/kg	0.50	1	AG23690	07/13/22 11:11	07/14/22 14:03	2303	EPA 6020B	
Zinc	17000	mg/kg	500	100	AG23690	07/13/22 11:11	07/14/22 15:03	2303	EPA 6020B	
Semivolatile Organic Compounds by EPA Method 8270C SIM										
Acenaphthylene	550	ug/kg	20	1	AG23684	07/13/22 10:53	07/13/22 15:52	2303	EPA 8270SIM	
Fluorene	ND	ug/kg	20	1	AG23684	07/13/22 10:53	07/13/22 15:52	2303	EPA 8270SIM	
Pyrene	13000	ug/kg	200	10	AG23684	07/13/22 10:53	07/13/22 15:52	2303	EPA 8270SIM	
Surrogate: 2-Fluorobiphenyl	98.9 %		70-130		AG23684	07/13/22 10:53	07/13/22 15:52	2303	EPA 8270SIM	
Surrogate: p-Terphenyl-d14	111 %		70-140		AG23684	07/13/22 10:53	07/13/22 15:52	2303	EPA 8270SIM	
Playground Surface (22H0228-01)		Sample Type: Other (W)			Sampled: 08/02/22 10:30					
Metals by EPA 6000/7000 Series Methods										
Antimony	0.98	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Arsenic	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Barium	34	mg/kg	5.0	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Beryllium	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Cadmium	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Chromium	1.4	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Cobalt	8.9	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Copper	0.85	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Mercury	ND	mg/kg	0.050	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Molybdenum	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Nickel	0.59	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Selenium	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Silver	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Thallium	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	
Vanadium	ND	mg/kg	0.50	1	AH23396	08/04/22 09:30	08/04/22 12:14	2303	EPA 6020B	

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.



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Playground Surface (22H0228-01)		Sample Type: Other (W)			Sampled: 08/02/22 10:30					
Semivolatile Organic Compounds by EPA Method 8270C SIM										
Acenaphthene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Anthracene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Benzo (a) anthracene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Benzo (a) pyrene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Benzo (b) fluoranthene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Benzo (g,h,i) perylene	ND	ug/kg	99	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Benzo (k) fluoranthene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Chrysene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Dibenz (a,h) anthracene	ND	ug/kg	99	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Fluoranthene	2600	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Indeno (1,2,3-cd) pyrene	ND	ug/kg	99	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Naphthalene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Phenanthrene	ND	ug/kg	20	1	AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Surrogate: 2-Fluorobiphenyl	98.9 %		70-130		AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Surrogate: p-Terphenyl-d14	111 %		70-140		AG23684	08/02/22 17:00	08/02/22 18:02	2303	EPA 8270SIM	
Playground Surface (Ref# 22H0228-01) (22H1454-01)		Sample Type: Other (W)			Sampled: 08/02/22 10:30					
Metals by EPA 6000/7000 Series Methods										
Iron	ND	mg/kg	50	1	AH23741	08/10/22 13:23	08/12/22 08:34	2303	EPA 6010B	

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Notes and Definitions

- QD-01 Sample contains analyte above detector calibration range.
- QM-02 The RPD and/or percent recovery for this QC spike sample cannot be accurately calculated due to the high concentration of analyte inherent in the sample.
- ND Analyte NOT DETECTED at or above the reporting limit
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

Non-accredited analytes are reported only when ELAP accreditation for a requested analyte method pair is not available. For a list of accredited analytes, view our certificates at the Company link on our website at www.alpha-labs.com or contact your Project Manager directly.