

US EPA ARCHIVE DOCUMENT



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
REGION IX
 75 Hawthorne Street
 San Francisco, CA 94105

Table 1
 Oak Ridge High School
 Validated Soil Sample Data - Calculated Asbestos Concentration (Weight Percent)

Area	Date Sampled	Decision Unit	Sample Number	Result	Decision Unit	Sample Number	Result
Road along south side of upper soccer field	11/24/03	DU1-1	OR1	ND	DU1-2	OR2 OR201	ND ND
	11/24/03	DU2-1	OR3	0.093	DU2-2	OR4	ND
	11/24/03	DU3-1	OR5	ND	DU3-2	OR6	0.19
	11/24/03	DU4-1	OR7	ND UJ	DU4-2	OR8	ND
	11/24/03	DU5-1	OR9	3.3	DU5-2	OR10	3.5
Path from subdivision to gravel road, south of baseball field	11/24/03	DU6-1	OR11	1.1 ¹	DU6-2	OR12	0.74 ¹
Softball field 1 (south side bleacher area)	11/24/03	DU7-1	OR13	0.17	DU7-2	OR14	0.33 J
	11/24/03	DU8-1	OR15	0.48 J	DU8-2	OR16	0.31
	11/24/03	DU9-1	OR17	0.16	DU9-2	OR18	0.12 J
	11/24/03	DU10-1	OR19	0.13	DU10-2	OR20	0.94
Softball field 1 (east side)	11/24/03	DU11-1	OR21 OR202	1.7 0.78	DU11-2	OR22	0.97
	11/24/03	DU12-1	OR23	0.40	DU12-2	OR24	0.86
Softball field 1 (batting cage)	11/24/03	DU13-1	OR25	0.60	DU13-2	OR26	1.3
Softball field 1 (infield transect 1)	11/24/03	DU14-1	OR27	0.15	DU14-2	OR28 OR203	0.12 J 0.70
Softball field 1 (infield transect 2)	11/24/03	DU15-1	OR29	0.70	DU15-2	OR30	0.33
Softball field 1 (infield transect 3)	11/24/03	DU16-1	OR31	0.011	DU16-2	OR32 OR204	0.43 0.72
Softball field 2 (infield transect 1) (JV Baseball)	11/24/03	DU17-1	OR33	0.77 ²	DU17-2	OR34	0.19
Softball field 2 (infield transect 2) (JV Baseball)	11/24/03	DU18-1	OR35	0.28	DU18-2	OR36	0.27 ² J
Softball field 2 (infield transect 3) (JV Baseball)	11/24/03	DU19-1	OR37	0.33	DU19-2	OR38	0.0010 ³

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Softball field 3 (infield transect 1)	11/24/03	DU20-1	OR39	0.23	DU20-2	OR40	0.0065
						OR205	0.14
Softball field 3 (infield transect 2)	11/24/03	DU21-1	OR41	0.23 J	DU21-2	OR42	0.069
Softball field 3 (infield transect 3)	11/24/03	DU22-1	OR43	0.049	DU22-2	OR44	0.019
Softball field 3 (south side bleachers)	11/24/03	DU23-1	OR45	0.56 J	DU23-2	OR46	0.21
	11/24/03	DU24-1	OR47	0.20	DU24-2	OR48	1.7 J
Softball field 3 (west side bleachers)	11/24/03	DU25-1	OR49 OR206	0.018 3.0	DU25-2	OR50	3.4 J
Road north of softball fields (DUs listed west to east)	11/24/03	DU26-1	OR51	0.77	DU26-2	OR52	0.62
	11/24/03	DU27-1	OR53	0.31	DU27-2	OR54	4.3
	11/24/03	DU28-1	OR55	0.22	DU28-2	OR56	0.63
	11/24/03	DU29-1	OR57 OR207	8.8 1.4	DU29-2	OR58 OR208	0.17 0.31
	11/24/03	DU30-1	OR59	0.97	DU30-2	OR60	0.36 J
	11/24/03	DU31-1	OR61	0.08	DU31-2	OR62	0.75 ²
	11/24/03	DU32-1	OR63	0.26	DU32-2	OR64	0.81
	11/24/03	DU33-1	OR65	5.9 J	DU33-2	OR66	0.98 ²
	11/24/03	DU34-1	OR67	1.6	DU34-2	OR68	0.51
	11/24/03	DU35-1	OR69	0.045	DU35-2	OR70	0.74
Small footpath near softball field 1, northeast	11/24/03	DU36-1	OR71	2.1	DU36-2	OR72	0.92
Dirt bank on south side of Visitor's side bleachers at football field	11/25/03	DU37-1	OR73	0.73	DU37-2	OR74	0.0042
	11/25/03	DU38-1	OR75	2.1	DU38-2	OR76	3.0
	11/25/03	DU39-1	OR77	1.2	DU39-2	OR78	0.13
West of (behind) Home bleachers at football field	11/25/03	DU40-1	OR79	3.6	DU40-2	OR80	1.9
	11/25/03	DU41-1	OR81	0.76	DU41-2	OR82	0.12 ²
	11/25/03	DU42-1	OR83 OR209	2.0 J 0.45 ²	DU42-2	OR84	3.0 ²

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	11/25/03	DU43-1	OR85	3.6 ²	DU43-2	OR86 OR210	0.46 2.5 ²
	11/25/03	DU44-1	OR87	1.6	DU44-2	OR88	0.29
	11/25/03	DU45-1	OR89	0.74	DU45-2	OR90	0.23 ²
	11/25/03	DU46-1	OR91	0.39 ²	DU46-2	OR92	2.5 ²
	11/25/03	DU47-1	OR93 OR211	1.1 3.3 ² J	DU47-2	OR94	0.37
Along south side of jump pit located north of Home bleachers	11/25/03	DU48-1	OR95	0.070	DU48-2	OR96	0.22
	11/25/03	DU49-1	OR97	1.3 ²	DU49-2	OR98 OR212	4.6 ² 0.058
	11/25/03	DU50-1	OR99	0.051	DU50-2	OR100	0.16 ²
	11/25/03	DU51-1	OR101	0.27	DU51-2	OR102	0.12
Road to upper athletic field, south of (behind) the snack bar area	11/25/03	DU52-1	OR103	ND	DU52-2	OR104	1.8 ²
	11/25/03	DU53-1	OR105	1.5	DU53-2	OR106	0.098
	11/25/03	DU54-1	OR107	0.71	DU54-2	OR108	0.88
	11/25/03	DU55-1	OR109	0.47	DU55-2	OR110	0.27
Transect between Portable P18/P19 and Classroom B6, north towards Harvard Way	11/25/03	DU56-1	OR111	0.27	DU56-2	OR112	1.4
	11/25/03	DU57-1	OR113	4.9 J	DU57-2	OR114	4.9 ² J
Transect along Harvard Road side (north side) of Portable P18/P19, west towards Library	11/25/03	DU58-1	OR115	0.52	DU58-2	OR116	2.4
	11/25/03	DU59-1	OR117	1.1	DU59-2	OR118	0.73 ² J
	11/25/03	DU60-1	OR119	1.9	DU60-2	OR120	6.2 ²
West of creek and north foot bridge, dirt area on south side of path to bridge	11/25/03	DU61-1	OR121	3.4	DU61-2	OR122	1.1
West of creek and south foot bridge, dirt area on north side of path to bridge	11/25/03	DU62-1	OR123	1.9	DU62-2	OR124	0.52
West of creek and south foot bridge, dirt area on south side of path to bridge	11/25/03	DU63-1	OR125	2.1	DU63-2	OR126	1.6 ²

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Behind Girl's Locker Room, path of visible use on north side of soccer field retaining wall	11/25/03	DU64-1	OR127	0.38	DU64-2	OR128	0.074
Dirt area on north end of portable classrooms east of the gym	11/25/03	DU65-1	OR129	0.52	DU65-2	OR130 OR213	0.59 0.54
Dirt area on south end of portable classrooms east of the gym	11/25/03	DU66-1	OR131	2.8	DU66-2	OR132	2.0
Southeast of basketball courts, unpaved area near roll-off boxes	11/25/03	DU67-1	OR133	1.0	DU67-2	OR134	0.94
East of basketball courts, aggregate road	11/25/03	DU68-1	OR135	0.61 ⁴	DU68-2	OR136	0.22 ⁴
West of creek and north foot bridge, dirt area on the north side of path to bridge	11/25/03	DU69-1	OR137	2.0	DU69-2	OR138 OR214	3.2 1.9 ²
Dirt area with picnic table south of classroom B5.	11/25/03	DU70-1	OR139	0.78 ²	DU70-2	OR140	1.7
East and upstairs from Quad circle, path through grass and trees.	11/25/03	DU71-1	OR141	0.88	DU71-2	OR142	2.2 ²
Dirt area south of Maintenance Building, north of faculty parking	11/25/03	DU72-1	OR143	1.7	DU72-2	OR144	0.027

Notes:

Sample preparation was completed in accordance with California Air Resources Board Method 435 and analysis was in accordance with United States Environmental Protection Agency *Method for the Determination of Asbestos in Bulk Materials* (EPA/600/R-93/116).

ND = No asbestos structures detected at the limit of quantitation of 0.0001percent.

J = The associated value is an estimated quantity. The analyte was analyzed for and positively identified, but the reported numerical value may not be consistent with the amount actually present in the environmental sample.

U = The analyte was analyzed for, but was not detected above the limit of quantitation.

UJ = The analyte was analyzed for but was not detected, but the reported value is an estimate and may be inaccurate or imprecise.

Actinolite fibers were the only type of asbestos identified in the samples unless the sample result is annotated as follows:

- 1= Samples contains actinolite and tremolite fibers.
- 2 = Sample contains actinolite and chrysotile fibers.
- 3 = Sample contains only chrysotile fibers.
- 4 = Sample contains actinolite and anthophyllite fibers.