

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Bernard Orlan
N.Y.C. Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101

Received: 4/6/02 4:00:00 PM
ATC Group #: 7344
Analysis Date: 4/6/02

Fax: (212) 475-4122 Phone: (212) 477-8941

Project: NYC-BOE-PS 234M Project#: 14584-1823

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity	Asbestos Concentration		Notes
					0.5µ-5	5µ	(S/cc)	(S/mm ²)	(S/cc)	
01 7344 -1	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
02 7344 -2	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
03 7344 -3	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
04 7344 -4	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
05 7344 -5	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
06 7344 -6	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
07 7344 -7	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

MARK PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysis accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10879

Page 1 of 2

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CITY_21MC100_003402677

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

Attn: Mr. Bernard Orlan
N.Y.C. Board of Education
28-11 Queens Plaza North
Long Island City, NY 11101

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**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity	Asbestos Concentration		Notes
					0.5μ-5	5μ	(S/cc)	(S/mm ²)	(S/cc)	
08 7344 -8	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
09 7344 -9	1928.00	0.0450	0	None Detected	0	0	0.0044	<22.24	<0.0044	
10 7344 -10	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
11 7344 -11	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
12 7344 -12	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
13 7344 -13	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
14 7344 -14	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	
15 7344 -15	1920.00	0.0450	0	None Detected	0	0	0.0045	<22.24	<0.0045	

MARK PEYSAKHOV

Analyzed by:



MICHAEL A. GORYCKI, Ph.D.

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MARK PEYSAKHOV

	F	B	C	M	>5μ
Chrysotile					
Amphibole					
Ambiguous					
Non-Asbestos					
Non-Identified					

NYC-WTC_000181715



AIR MONITORING DATA AND

CHAIN OF CUSTODY FORM

Page 1 of 2

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☒ Other 24

PROJECT INFORMATION

1. Project Name: PS 234M 2. Project # 83805-83822 3. Project Monitor: MARK NAKHUMOVICH 4c. Rotameter Number: 4P107

1. Project Address: 242 Greenwich St, NY, NY 10007 4b. Air Sampler: MARK NAKHUMOVICH

1. G-APC Location: ENTIRE 7. ☐ PCM (0.8 micron MCE) 8. ☒ TEM (0.45 micron MCE) 9. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA f. ☒ Ambient g. ☐ Other

1. Cassette/Fiber Manufacturer: MMI 1. Lot # 00764916

AIR SAMPLE RECORD

Sample ID Number	Pump Number	12. Sample Location			13. Time (24 hrs clock)			14. Flow Rate (L/min.)			15. Total Air Vol (liters)	16. # Fibers/Fields minus Blank	17. Fiber Conc.
		12a. NWA	12b. OWA	12c. Sample Coordinates	13a. Start	13b. End	13c. Total	14a. Start	14b. End	14c. Avg			
16				Field Blank									
17				Field Blank									
01				First Floor-hallway	6:10	10:10	240	8.0	8.0	8.0	1920		
02				Cafeteria	6:12	10:13	241	8.0	8.0	8.0	1928		
03				Gymnasium	6:14	10:14	240	8.0	8.0	8.0	1920		
04				Auditorium	6:16	10:16	240	8.0	8.0	8.0	1920		
05				North playground	6:18	10:19	241	8.0	8.0	8.0	1928		
06				West playground	6:20	10:21	241	8.0	8.0	8.0	1928		
07				Roof-South PART	6:22	10:22	240	8.0	8.0	8.0	1920		
08				First Floor-hallway	10:10	14:10	240	8.0	8.0	8.0	1920		
09				North playground	10:19	14:20	241	8.0	8.0	8.0	1928		
10				West playground	10:21	14:21	240	8.0	8.0	8.0	1920		
11				Roof-South PART	10:22	14:22	240	8.0	8.0	8.0	1920		
12				Classroom # 201	10:24	14:24	240	8.0	8.0	8.0	1920		

IN OF CUSTODY

19. Received By: [Signature] 20. Date: 4/6 21. Time: 18:00

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: ATC 23. Date: 4/6 24. Time: 18:50

a. Analyzed By: [Signature] b. QC By: [Signature] c. Lab Code #: [Blank]

25. Microscope Make/Serial #: [Blank]

☐ Nikon Labophot 238913
☐ Nikon Labophot 238917
☐ Nikon Labophot 239079

1. Project Manager

Y. Efsthion

2. Project To

Y. Efsthion

3. Project To

Y. Efsthion

4. Project To

Y. Efsthion

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008

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CITY_21MC100_003402694



AIR MONITORING DATA AND CHAIN OF CUSTODY FORM

Page 2 of 2

TURNAROUND TIME

☐ 2 hrs ☐ 6 hrs ☐ 48 hrs ☐ Standard
☐ 4 hrs ☐ 24 hrs ☐ 72 hrs ☒ Other 21

JECT INFORMATION

1. Project Name PS 234 M	2. Project # K1584-0823	3. Project Monitor: MARK NAKHUMOVICH	4. Rotameter Number: HP107
2a. Project Address 292 Greenwich St, NY, NY 10007	4b. Air Sampler: MARK NAKHUMOVICH		
5. ☐ PCM (0.3 micron MCE) Cassette/Filter Manufacture _____ Lot # _____	6. ☒ TEM (0.45 micron MCE) Cassette/Filter Manufacture _____ Lot # _____	7. Type: a. ☐ Background b. ☐ Pre-Abate c. ☐ Abatement d. ☐ Post-Abate e. ☐ OSHA	8. ☐ Environment g. ☒ Ambient h. ☐ Other
9. ☐ Location: ENTIRE			

Y AIR SAMPLE RECORD

[illegible]

IN OF CUSTODY

Relinquished By:	19. Received By:	20. Date:	21. Time:
	<i>[Signature]</i>	2/6	12:00

LAB INFORMATION (ATC ELAP # 10879, ATC NVLAP # 1187)

22. Lab Name: <u>NYC FLETC</u>	23. Date: <u>4/16</u>	24. Time: <u>18:30</u>	25. Microscope Make/Serial #: ☐ Nikon Labophot 238913 ☐ Nikon Labophot 238917 ☐ Nikon Labophot 239075
a. Analyzed By: <u>WCH</u>			
b. QC By:			
c. Lab Chain #:			

At Five o'clock

Y. Efsthathiou

of 1980 in

Υ.Εφστathiou

Reeper/Phone #s (846) 777-1155

125 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840

Archie's Telephone

Field - Illinois, USA

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CITY_21MC100_003402695

SUBJECT TO PROTECTIVE ORDER NO. 2, SEPT. 2008