

MEMORANDUM

TO: W. R. Grace Site File

cc: Mary Ellen Stanton, U.S. Environmental Protection Agency, On-Scene Coordinator

FROM: Michael Argue, Roy F. Weston, Inc., Superfund Technical Assessment and Response Team

DATE: 23 February 2001

RE: Global Positioning System Sample Location Data
TDD No. 00-07-0037; PCS No. 1228; Document Control No. R-1291

The W.R. Grace Site (the site) is located at 62 Whittemore Avenue, Cambridge, Middlesex County, Massachusetts. The approximate geographic coordinates of the site are latitude 42° 23' 47" north and longitude 71° 08' 23" west, as measured from the center of the site. The site is divided into four properties, including the W.R. Grace & Co. Construction Division Headquarters; One Alewife Center; Russell Field Park; and the Alewife Red Line Head House. These parcels are owned by W.R. Grace & Co. (Grace); the New Boston Fund; the City of Cambridge (the City); and the Massachusetts Bay Transit Authority (MBTA), respectively. The site is bordered to the north by Whittemore Avenue, to the east by Clifton Street, to the south by Rindge Avenue, and to the west by Alewife Brook Parkway.

On 22 August 2000, and 6 and 7 September 2000, the Roy F. Weston, Inc., (WESTON®) Superfund Technical Assessment and Response Team (START) conducted a Removal Program Preliminary Assessment/Site Investigation (PA/SI) at the site at the request of the U.S. Environmental Protection Agency (EPA) Region I Emergency Planning and Response Branch (EPRB). The purpose of conducting the PA/SI was to determine the presence and extent of suspected asbestos contamination in on-site surface soils.

The PA/SI consisted of an on-site reconnaissance, which was conducted on 22 August 2000, and a 2-day sampling event which took place on 6 and 7 September 2000. Sample locations were recorded by START personnel during the sampling event with Global Positioning System (GPS) equipment. Upon completion of sampling activities, the GPS data were transferred to a network drive of the START Region I file server. The data were inadvertently transferred to an incorrect file location, and were not identified until after the PA/SI report was finalized. The following table presents the geographic coordinates of the sampling stations, as recorded by the GPS equipment.

GPS Sample Location Data Table

| Sample ID | Latitude | Longitude |
|-----------|---------------------|---------------------|
| WRG-01 | 42° 23' 52.99934" N | 71° 08' 23.65297" W |
| WRG-02 | 42° 23' 51.42198" N | 71° 08' 22.79236" W |
| WRG-03 | 42° 23' 51.47116" N | 71° 08' 23.97262" W |
| WRG-04 | 42° 23' 51.18470" N | 71° 08' 23.08989" W |
| WRG-05 | 42° 23' 50.59949" N | 71° 08' 23.23496" W |
| WRG-06 | 42° 23' 50.23557" N | 71° 08' 23.55461" W |
| WRG-07 | 42° 23' 48.51437" N | 71° 08' 24.88486" W |
| WRG-08 | 42° 23' 47.47550" N | 71° 08' 24.34883" W |
| WRG-09 | 42° 23' 47.18043" N | 71° 08' 23.50544" W |
| WRG-10 | 42° 23' 48.32676" N | 71° 08' 22.59733" W |
| WRG-11 | 42° 23' 47.91071" N | 71° 08' 22.51943" W |
| WRG-12 | 42° 23' 50.04870" N | 71° 08' 21.19410" W |
| WRG-13 | 42° 23' 49.58308" N | 71° 08' 21.07116" W |
| WRG-14 | 42° 23' 48.88115" N | 71° 08' 21.21869" W |
| WRG-15 | 42° 23' 48.50822" N | 71° 08' 20.55479" W |
| WRG-16/17 | 42° 23' 48.58253" N | 71° 08' 20.33498" W |
| WRG-18 | 42° 23' 49.73597" N | 71° 08' 18.92591" W |
| WRG-19/39 | 42° 23' 49.17580" N | 71° 08' 19.08193" W |
| WRG-20 | 42° 23' 48.84631" N | 71° 08' 18.95653" W |
| WRG-21 | 42° 23' 50.59826" N | 71° 08' 17.04845" W |
| WRG-22 | 42° 23' 49.78314" N | 71° 08' 16.32554" W |
| WRG-23 | 42° 23' 49.49065" N | 71° 08' 15.77466" W |
| WRG-24 | 42° 23' 46.49072" N | 71° 08' 18.95161" W |
| WRG-25 | 42° 23' 46.70095" N | 71° 08' 19.61059" W |
| WRG-26 | 42° 23' 46.18002" N | 71° 08' 18.77214" W |
| WRG-27 | 42° 23' 46.14771" N | 71° 08' 19.95729" W |
| WRG-28 | 42° 23' 45.87723" N | 71° 08' 19.79254" W |
| WRG-29 | 42° 23' 44.13223" N | 71° 08' 20.89904" W |
| WRG-30 | 42° 23' 43.28884" N | 71° 08' 18.37955" W |
| WRG-31 | 42° 23' 43.01600" N | 71° 08' 17.67792" W |
| WRG-32 | 42° 23' 42.97945" N | 71° 08' 17.98036" W |
| WRG-33 | 42° 23' 42.31310" N | 71° 08' 24.60947" W |
| WRG-34 | 42° 23' 40.09397" N | 71° 08' 24.34883" W |

GPS Sample Location Data Table (Concluded)

| Sample ID | Latitude | Longitude |
|------------|---------------------|---------------------|
| WRG-35 | 42° 23' 39.82719" N | 71° 08' 23.50544" W |
| WRG-36 | 42° 23' 39.16901" N | 71° 08' 23.28770" W |
| WRG-37 | 42° 23' 39.28746" N | 71° 08' 17.98118" W |
| WRG-38 | 42° 23' 38.83011" N | 71° 08' 17.91643" W |
| SACM-01 | 42° 23' 49.20039" N | 71° 08' 19.06472" W |
| SACM-02 | 42° 23' 48.61393" N | 71° 08' 20.18596" W |
| OAC-01 | 42° 23' 55.28117" N | 71° 08' 21.98094" W |
| OAC-02 | 42° 23' 55.50119" N | 71° 08' 24.87506" W |
| OAC-03 | 42° 23' 54.33205" N | 71° 08' 24.76438" W |
| OAC-04 | 42° 23' 53.77143" N | 71° 08' 25.04960" W |
| OAC-05 | 42° 23' 53.72278" N | 71° 08' 23.08743" W |
| COC-01 | 42° 23' 51.23756" N | 71° 08' 13.72406" W |
| COC-02 | 42° 23' 48.76640" N | 71° 08' 12.95935" W |
| COC-03 | 42° 23' 44.59370" N | 71° 08' 11.98810" W |
| COC-04 | 42° 23' 43.81793" N | 71° 08' 15.04693" W |
| COC-05 | 42° 23' 38.69365" N | 71° 08' 15.46494" W |
| MBTA-01/03 | 42° 23' 46.37486" N | 71° 08' 21.63963" W |
| MBTA-02 | 42° 23' 46.66481" N | 71° 08' 21.77909" W |

N = North

W = West