MONTHLY SUMMARY REPORT

INDUSTRIAL HYGIENE SERVICES AT THE DEPARTMENT OF INTERIOR MAIN MODERNIZATION PROJECT

1849 C ST., NW
WASHINGTON, DC

Report No. 14: 1 Apr 09 through 30 Apr 09
Order Period of Performance: 31 July 07 through 31 July 09

1.0 PROJECT SUMMARY

The General Services Administration National Capital Region (GSA NCR) Safety, Environment, and Fire Protection Branch contracted with MACTEC Federal Programs, Inc. (MACTEC) to provide industrial hygiene monitoring services during renovation activities associated with the Department of Interior Main Modernization project located at 1849 C St., NW in Washington, DC. MACTEC industrial hygienists providing on-site support during this time period included Erin Luce, Allison Fultineer and Chelsea Ford. MACTEC provided industrial hygiene support on two shifts daily, which included the day shift (approximately 5:30 am – 2:00 pm), and the night shift (approximately 7:00 pm – 5:00 am). Weekend and holiday support was also provided as needed.

MACTEC began work on the project on July 31, 2007, and continues to date. This report covers the period from April 1, 2009, through April 31, 2009. During that time period, asbestos and lead abatement was conducted by Aceco.

2.0 ABATEMENT AND SAMPLING ACTIVITIES

Abatement of asbestos-containing thermal system insulation (TSI), pipe sealant, ceiling tiles, and plaster ceilings continued on floors 1- 7, Cafeteria, Central Plant, and the M level. TEM clearance samples were collected on all full containments and mini-built containments. PCM clearance samples were collected for mini pop-up containments, as well as glove-bag removal and emergency clean-up. Lead abatement projects were also monitored on floors 3-6. Ambient air sampling continued daily in the corridors of the occupied areas. Six bulk asbestos samples were also collected to support abatement activities in the cafeteria.

All phase contrast microscopy (PCM) air samples were analyzed by MACTEC industrial hygienists on-site. On-site analysts have successfully completed a NIOSH 582 equivalent course on the collection and analysis of asbestos air samples, as well as a Virginia Project Monitor course.

3.0 ENGINEERING CONTROL VERIFICATION ACTIVITIES

MACTEC performed daily direct-read monitoring of nuisance dust and total volatile organic compounds (TVOC). Daily measurements were collected in the hallways adjacent to construction areas to confirm the effectiveness of engineering controls already in place. Weekly summary reports were provided to GSA and the DOI Modernization Office documenting dust and TVOC sampling results. MACTEC performed visual checks of manometer gauge readings to visually verify negative pressure in containments, as well as construction areas.

In an effort to evaluate the demolition/renovation contractors' compliance with the Sheet Metal and Air Conditioning Contractors' National Association (SMACNA) IAQ guidelines, MACTEC performed daily walk-throughs of the construction areas on all floors. A checklist provided by the DOI Modernization Office was used to evaluate compliance areas and provide an overall qualitative compliance "score".

Ambient air samples for asbestos were collected on every floor of the building during each work day of the reporting period. All ambient air samples for asbestos were within applicable occupancy standards.

4.0 ATTACHMENTS

The following attachments are provided for your records:

Attachment A – Air Sampling Summaries and Data Sheets
Attachment B – Asbestos Bulk Sampling Results
Attachment C – Lead Air Sampling Results