



**INTERNATIONAL  
TECHNOLOGY  
CORPORATION**

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**Final Report - Appendices Volume I**

*For Morgan  
Road Lab*

**U. S. Military Academy  
Landfill Remediation  
West Point, New York**

**Contract No. DACW45-94-D-0054  
Delivery Order No. 19**

**Prepared for:  
U.S. Army Corps of Engineers  
Omaha District  
Building 527 Fairchild Hall  
Offutt AFB, Nebraska 68113**



**Prepared by:  
IT Corporation  
140 Allen's Creek Road  
Rochester, New York 14618  
(716) 271-6430**

Project No. 763840  
September 1996

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dfill



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**Appendix A**

**Quality Control Work Orders and Reports**

RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 10/31/95

Project Location U.S. Military Academy, West Point, NY REPORT NO. 01

Name DAVID BUZZELLI Title QA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 10/16/95 to 10/31/95

Percent Field Work Completed 33% Percent Project Completed 30%

Summary of Work Completed Sampled On-site:

Week 1:

1) Began general site preparation, lined up vendors, received equipment and coordinated with the U.S. Military Academy at West Point, 2) mobilization of three field personnel, health & safety officer and QA/QC officer-field engineer, 2) conducted site specific health & safety training, 3) performed walk through and initial and preparatory inspection for Morgan Farm Rd. Landfill, Lot "F" parking area and Post School, 4) began clearing and grubbing area around Lot "F" parking area, 5) conducted pre-construction meeting with the appropriate representatives from the U.S. Military Academy, 6) staked out perimeter of area to be cleared at Morgan Farm Rd. Landfill, 7) began clearing and grubbing at Morgan Farm Rd. Landfill, 8) installed orange snow fence with caution signs around the surrounding areas at Post School, 9) began clearing and grubbing trench on the west side of the Post School field, 10) received equipment to perform work activities, 11) transported mulch to the designated site at Morgan Farm Stables utilizing the dump truck, 12) escorted surveyors over to Morgan Farm Rd. Landfill and identified the area to be surveyed, 13) picked up supplies at the hardware store (i.e. grease, bar oil, sharpened chains for the chain saws and power strips), 14) received geotextile liner and staged it by the Post School drainage swale, and 15) inventoried the IT Corporation toolbox.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 10/31/95

Summary of Work Completed Sampled On-site:

Week 2:

Lot "F" Parking Area:

1) chipped trees and bushes, 2) hauled mulch and tree limbs from Lot "F" to designated area with the dump truck.

Post School:

1) received 14 loads (20 tons per load) of riprap, 2) continued de-rooting the tree stumps from the trench, 3) repaired orange snow fence which had been blown over by the rain storm, 4) connected internal phone lines at the office trailer, 5) dressed entire run of drainage swale, 6) placed geotextile fabric liner in the drainage swale, 7) placed riprap in drainage swale using the 490 excavator, 8) placed riprap in the dump truck using the 490 excavator and transported from the east end of Post School over to the edge of the drainage swale, 9) loaded dump truck with tree stumps using the 490 excavator and transported to the designated area near the conex box at Morgan Farm Rd. Landfill, 10) received a 555 track loader and a RD-40B Screen-All, 11) placed riprap in the dump truck using the 555 track loader and transported from the east end of Post School over to the edge of the drainage swale, 12) transported left over riprap from Post School over to Morgan Farm Rd. Landfill utilizing the 555 track loader and the dump truck (approximately 5-10 tons), 13) riprap that was unable to be handled by the 490 excavator or 555 track loader was placed into the drainage swale by hand, 14) graded, raked, re-seeded and placed hay on the areas disturbed from the heavy equipment, 15) removed remaining orange snow fence, 16) demobilized 555 track loader and 490 excavator and transported to Morgan Farm Rd. Landfill.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 10/31/95

Summary of Work Completed Sampled On-site:

Morgan Farm Rd. Landfill:

1) cleared, grubbed and chipped trees and bushes, 2) spread riprap at entrance to allow better access, 3) installed orange snow fence around road side work area, 4) utilized the 490 excavator to cut out a notch at the bottom edge of the landfill for the silt fence, 5) installed the silt fence, 6) began excavating the landfill from the silt fence back to the surveyed stakes, 7) mobilized the RD-40B ScreenAll from Post School over to Morgan Farm Rd. Landfill.

Summary of Work Completed Off-Site: Accounting, purchasing, and program support.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages): 1) the 8 oz. geotextile liner was replaced with a 7 oz. unwoven geotextile fabric liner, 2) the riprap used for the project has been changed slightly to allow sizes as small as 6 inches in diameter (approval for 1 & 2 changes were authorized by Greg Hoover, on-site USACE representative, and Peter Coutts, project manager), 3) the Post School drainage swale is approximately 225 ft. longer than what the original scope of services called for, 4) a 12 inch chipper was added and mobilized to mulch the trees and brush removed from Post School, Lot "F" parking area and Morgan Farm Rd. Landfills, and 5) the USMA has informed IT Corporation and the USACE that the non-metallic debris generated from the Morgan Farm Rd. Landfill removal activities cannot be disposed of on-site.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 10/31/95

**Problems Encountered:**

1) Heavy rains on Saturday, October 21, 1995, left the Post School field too saturated to drive the 20 ton loads of riprap across. As a result, the loads were dumped on the eastern end of the field. This impeded progress. The 490 excavator, which was being used to place the riprap in the trench, now had to load the 6 yd. dump truck with riprap. Eventually the 555 track loader was utilized to perform this task. It took approximately 40 trips across the field to perform this task.

2) The 555 track loader delivered was a smaller unit than what was ordered. The smaller unit impeded progress. The larger track loader is currently not available, therefore, the 555 track loader will be utilized for the time being.

**Recommendations:** None

**Key Personnel Changes:**

1) Melissa Ferri, cost administrator, was temporarily replaced by Debra Gulley.

2) Melissa Ferri, cost administrator, returned to replace Debra Gulley.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 10/31/95

Work Anticipated to be Performed the Following Month:

Morgan Farm Rd. Landfill:

1) complete excavation and screening activities, 2) send off tires, metallic and non-metallic debris to the USMA Transfer Station, 3) sample screened soil and review analytical results to determine method of disposal or backfill, 4) install geotextile liner, geomembrane and lay riprap on 3 to 1 slope.

Lot "F" Parking Area:

1) construct "Y" collection trench and tank, 2) channel collection tank to the existing drainage swale.

Post School:

1) construct collection trench at rock outcrop seepage, 2) connect collection trench to existing sanitary sewer.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Riprap	tons	279.71	400

Other Remarks:

1) The 6"-8" riprap received at Post School was acceptable to the on-site USACE representative.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

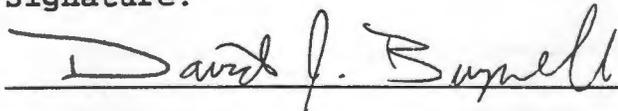
For Month Ending: 10/31/95

**Other Remarks:**

2) The amount of riprap received to date equals 279.71 tons. Approximately 250 tons of riprap were used to complete the drainage swale at Post School. The dimensions of the drainage swale is approximately 440 ft by an average width of approximately 17 ft.

3) A near miss accident occurred while cutting trees at Morgan Farm Rd. Landfill. Terry O'Brien was operating a chainsaw while Glenn Applebee was operating the 490 excavator to help direct the trees fall line. Terry was cutting the tree as Glenn applied pressure with the excavator bucket when the tree snapped at a weak point. The tree, approximately 12 inches in diameter, rolled on top of Terry and pinned him. Glenn used the excavator bucket to lift the tree off of Terry. Terry was able to move from beneath the tree under his own powers. The only apparent injury was a bruised thigh muscle on Terry's right leg. See the Accident Report for more details.

**Signature:**

  
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RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 11/30/95

Project Location U.S. Military Academy, West Point, NY REPORT NO. 02

Name DAVID BUZZELLI Title QA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 11/1/95 to 11/30/95

Percent Field Work Completed 80% Percent Project Completed 75%

Summary of Work Completed On-site:

Week 1:

Morgan Farm Rd. Landfill: 1) continued excavating the landfill from the silt fence back to the surveyed stakes, 2) hauled mulch from the landfill over to the Morgan Farm Stables with the dump truck, 3) screened excavated material through the RD-40B ScreenAll, 4) separated larger pieces of metallic debris and staged in a separate pile, 5) performed Health & Safety and air monitoring activities, 6) received 4 loads (20 tons per load) of 2" crusher run and constructed road/pad for the rollofs, 7) picked up oxygen and acetylene tanks for the cutting torch, 8) picked up approximately 50 brick from the USMA Youth Center construction site and staged at the conex box, 9) received 3 rolloff boxes for the debris, 10) began loading metallic debris into the rollofs, 11) received 550 dozer and began grading 3 to 1 slope, 12) sampled 2-100 yd. screened soil piles and delivered to lab for analysis, 13) loaded dump truck with cut trees and stumps and transported to the designated site near the office trailer, 14) began excavating the toe of the landfill.

Lot "F" Parking Area: 1) began digging "Y" collection trench using shovels.

Post School: 1) purchased hay, re-seeded the remainder of Post School field, and placed hay on top of seeded area.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 11/30/95

Summary of Work Completed On-site:

Week 2:

Morgan Farm Rd. Landfill: 1) dressed up the slope and screened material, 2) loaded dump truck with cut trees and stumps and transported to the designated site at the USMA, 3) replaced the silt fence at the toe of the landfill, 4) graded landfill at a 3 to 1 slope using the 550 dozer, 5) screened small debris pile for a fourth time using the 490 excavator to load the RD-40B ScreenAll, 6) combined small debris into one pile using the 555 loader, 7) gathered all remaining tires and placed into one pile, 8) cut rebar and metal cables sticking out of the ground with cutting torch, 9) performed gross decontamination on the 550 dozer, 555 track loader and the RD-40B ScreenAll, 10) the remaining stumps were loaded on to the dump truck and transported to the USMA designated site.

Lot "F" Parking Area: 1) continued excavation of "Y" trench, 2) began cutting granite stone using demolition saw, 3) carried gravel up to "Y" trench and placed a 2-3" layer in trench bottom, 4) retrieved pipe and fittings for the trench drainage, 5) cut 6 inch perforated pipe and placed in the two top sections of the "Y" trench, 6) carried gravel up to "Y" trench and placed around the 6 inch pipe.

Ski Slope: 1) pumped out contents of 275 gallon tank into 2-55 gallon drums, 2) excavated soil around tank, placed soil in the poly lined dump truck and staged at a designated holding by the conex box, 3) removed the tank, placed in the poly lined dump truck and transported to conex area for decontamination, 4) excavated soil to a 6 ft. depth, placed soil in the poly lined dump truck and transported to a designated site by the conex box, 5) placed geotextile fabric in the excavation, 6) a 1 ft. lift of pea gravel was placed in the excavation using the 580E extendahoe, 7) constructed a double lined bermed staging area by the conex to store soil from the excavation, 8) retrieved 500 gallon double walled tank and positioned it in the excavated area, 9) retrieved gravel and placed around the tank, 10) the two cathodic protections on the ends of the tank were saturated with water, 11) retrieved gravel and placed around the tank,

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 11/30/95

Summary of Work Completed On-site:

Week 2 (continued):

12) took measurements for piping and fittings for the tank.  
Post School: 1) dug out the catch basin, 2) traced and exposed 6 inch corrugated pipe leading from the catch basin over to the near by collection tank, 3) cleaned area around the catch basin and the rock outcrop for the forms and brick.

\*Held the Coordination Meeting

Week 3:

Ski Slope: 1) assembled gabian baskets and positioned around the double walled 500 gallon storage tank, 2) retrieved gabian rock from the USMA Cragston area and staged beside the tank, 3) filled gabian baskets by shoveling rock into 5 gallon buckets and carrying over to the baskets, 4) purchased fittings and piping for the tank and connected to the system, 5) retrieved pea gravel and placed around the tank, 6) repaired concrete pad above the 500 gallon tank, 7) constructed forms for concrete structures, 8) installed high level alarm, 9) painted piping with Rustoleum, 10) backfilled area around the tank with pea gravel and gabian rock, 11) poured concrete around curb boxes on the tank, 12) repaired corner of the concrete pad, 13) transported the 2-55 gallon drums to the soil staging area near the conex.

Post School: 1) staged block and brick on top of concrete collection tank and covered with plastic, 2) surveyed the catch basin to the manhole south of the rock outcrop to ensure proper slope, and surveyed the line in for the connecting pipe.

Morgan Farm Rd. Landfill: 1) repaired and installed silt fence, 2) secured and covered all soil/debris piles with 4 mil reinforced poly.

Miscellaneous: 1) performed the following miscellaneous activities: placed all tools in the IT Corporation toolbox, cleaned up the conex, cleaned all heavy equipment and staged in the entrance of the Morgan Farm Rd. Landfill, 2) cleaned up work area at the Lot "F" parking area, 3) performed administrative/office work, 5) all on-site personnel traveled home for the Thanksgiving holiday.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 11/30/95

Summary of Work Completed On-site:

Week 4:

None. All personnel on rotation home for the Thanksgiving break.

Week 5:

1) mobilization of all field and administrative personnel, 2) performed administrative/office work for anticipated start-up.

Post School: 1) began placing concrete block around the rock outcrop seepage area near the Barnard Loop residential road. Completed placing the three sided concrete block wall and covered with poly for weather protection, 2) began constructing brick facing around the three sided concrete block wall.

Miscellaneous: conducted weekly coordination meeting with Bill Kavanagh, USMA. See minutes to the meeting for details.

Summary of Work Completed Off-Site: 1) Accounting, purchasing, and program support, 2) analysis and QA/QC on the soil samples delivered to the laboratory.

Planned Dynamics, surveyor subcontractors, are currently generating a topographic map of the Morgan Farm Rd. Landfill based on points taken from the pre-construction survey.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages): 1) Scheduled add-on work at the USMA Ski Slope Area began on Tuesday, November 7, 1995, and was completed, 2) modifications to the "Y" trench at Lot "F" are being made to ensure all seepage is captured and channeled down the slope properly.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 11/30/95

**Problems Encountered:**

Morgan Farm Rd. Landfill:

1) Two hydraulic lines on the 555 track loader, one on the bucket and one by the drive shaft, broke during field activities. This resulted in delayed progress. The hydraulic line on the bucket was replaced, however, the line by the drive shaft will be replaced by Hertz.

Lot "F" parking area:

1) During digging activities at Lot "F" parking area, roots and rocks were encountered. These areas were left alone for the time being.

2) The blades on the demolition saw could not cut through the granite rock at in the "Y" trench. The rocks will be left in the ground and mark the beginning of the "Y" trench.

Ski Slope:

1) The weight of the gabian rock used for backfill was too heavy for the 580E extendahoe, therefore, the rock had to be placed in the gabian baskets by hand. This process was time consuming and resulted in delayed progress.

2) The concrete pad that is located just above the 500 gallon tank was broken at one corner while operating the 580E extendahoe. After backfilling the area around the newly installed tank the concrete pad was repaired.

3) Weather conditions impeded progress which resulted in shortened work days.

Post School:

1) The weather conditions were not conducive with activities being performed at Post School. The mortar was not curing during the construction of the collection box. The damp conditions resulted in delayed progress.

**Recommendations:** None

**Key Personnel Changes:** 1) All field personnel on rotation home for the Thanksgiving break. 2) All field and administrative personnel re-mobilized on-site.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 11/30/95

Work Anticipated to be Performed the Following Month:

Building 375 IDW Drums: dispose the contents of 63 drums accordingly and stage the emptied drums for ultimately disposal as scrap metal.

Post School: excavate a trench from the collection system to the nearest sanitary manhole, connect the system with six inch flexible pipe surrounded by sand, and remove the existing 1000 gallon collection box.

Lot "F": manually excavate a trench to collect all seepage flow, channel the flow to a collection box which will be constructed and channel flow through an eight inch pipe to the existing drainage trench.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		4	25

Other Remarks:

1) Warren Houseman, IT Corporation Health & Safety Manager, authorized a downgrade in the level of personnel protection from Modified Level D to Level D. However, if analytical results from the soil samples exceed limits the level of protection will be upgraded accordingly.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 11/30/95

Other Remarks (continued):

2) One of the three rollofs at Morgan Farm Rd. Landfill, which contained metallic debris, was missing when the crew arrived on-site. The USMA Transfer Station was given instructions to pick up the rollofs by Bill Kavanagh, USMA Environmental Department. IT Corporation and the on-site USACE representative contacted the Transfer Station to have them hold the metallic debris until further notice. The metallic debris is currently segregated and staged at the disposal/recycle facility until further instructions are given (the rolloff with the metallic debris was later returned).

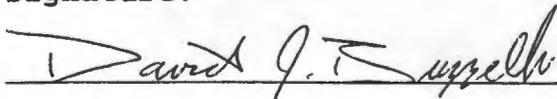
3) Terry Oliver, on-site Health & Safety Officer, was able to address many of the issues and unacceptable findings from his Monthly Safety Inspection for October. Three issues that still need to be address are as follows:

- 1) communication systems on-site are inadequate,
- 2) the first-aid kit is incomplete, and
- 3) the office trailer stairs need to be raised.

Corrective actions on these issues will be taken.

4) The screened soil generated at Morgan Farm Rd. Landfill was sampled for total metals. Results indicated levels of lead. These samples were re-analyzed for TCLP Metals to determine if the soil must be handled as a characteristic waste. Results were negative.

Signature:

  
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RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 12/31/95

Project Location U.S. Military Academy, West Point, NY REPORT NO. 03

Name DAVID BUZZELLI Title OA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 12/1/95 to 12/31/95

Percent Field Work Completed 90% Percent Project Completed 85%

Summary of Work Completed On-site:

Week 1:

Building 795 IDW Drums: 1) disposed the contents of 63 drums in the following manner: a) IDW drums containing liquids were pumped into the nearby sanitary sewer and subsequently through an oil/water separator, b) IDW drums containing soil were emptied into the bed of the dump truck and eventually transported and staged with the screened soil stockpile at Morgan Farm Rd. Landfill, c) emptied IDW drums were transported to the Morgan Farm Rd. Landfill area for ultimate demolition and disposal as scrap metal at the USMA Transfer Station. See drum log for detail of drum information and contents.

Post School: 1) constructed a temporary shelter for the concrete/brick structure and introduced heat via a salamander to increase the curing time of the mortar, 2) completed placing brick around three sided concrete block wall, 3) excavated trench from nearby manway to the collection box, 4) installed snow fence and caution signs around the excavation, 5) washed brick collection box with a acid/water solution, 6) removed large boulders that were in the trench, 7) repaired six inch clay storm drain, 8) placed four inch flexible pipe in the trench, 9) surveyed the four inch pipe to ensure there was sufficient slope.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 12/31/95

Summary of Work Completed On-site:

WEEK 1 (continued):

Lot "F" Parking Area:

1) diverted drainage around proposed area for the collection box, 2) excavated area to bedrock and constructed collection box using concrete blocks and rebar, 3) connected six inch flexible pipe to the collection box, 4) re-diverted drainage to the recently constructed collection box, 5) placed geotextile fabric in the drainage trench, 6) carried riprap up the hill manually in five gallon buckets and placed in the open trench, 7) shoveled surrounding soil around the stone drainage for stabilization, 8) anchored the six inch flex pipe into the ground.

Ski Slope: connected high level alarm unit to the recently installed 500 gallon tank.

WEEK 2:

Post School: 1) placed sand bedding in the excavation and around the four inch pipe, 2) surveyed the four inch pipe to ensure there was sufficient slope, 3) received 10 yards of sand for the remainder of the four inch pipe bedding and backfilled the trench with previously removed material, 4) completed repairs to the six inch clay storm drain, 5) removed 1000 gallon concrete tank and hauled to the designated site near the USMA Hazardous Materials Handling building, 6) cut and capped pipe leading into the 1000 gallon tank, 7) repaired the six inch clay storm drain with six inch flexible pipe.

Ski Slope: 1) installed pressure gauge on 500 gallon tank.

Miscellaneous: 1) remove tanks from various USMA sites and haul to the designated site by the Cragston Lake area, 2) perform an inventory on the Low Value Equipment (LVE), 3) perform de-mobilization activities.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 12/31/95

Summary of Work Completed Off-Site:

- 1) Accounting, purchasing, and program support.
  
- 2) Planned Dynamics, surveyor subcontractors, are currently generating a topographic map of the Morgan Farm Rd. Landfill based on points taken from the pre-construction survey.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages):

WEEK 1:

Lot "F" Parking Area: The located of the drainage trench was up on a hill and in inaccessible by heavy equipment. For this reason alternative plan were necessary in order to perform the work effectively. See above description for details on the operations and plan utilized to perform this task.

WEEK 2:

Miscellaneous:

Performed scheduled add-on work at various sites removing empty tanks and transported to a designated area by Cragston Lake.

Problems Encountered:

WEEK 1:

Post School:

1) During excavation activities at Post School large boulders were encountered. These boulders were in the direct line of the four inch pipe to be installed. Eventually, these boulders were either removed or avoided when installing the four inch flexible pipe.

2) A six inch clay storm drain was broken during excavation activities. The line was cut and repaired with a ten foot section of six inch flexible pipe.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 12/31/95

Problems Encountered (continued):

WEEK 1(continued):

Lot "F" Parking Area:

1) Lot "F" Parking Area is located up on a hill and is inaccessible by heavy equipment. As a result, the open trench was filled by riprap using five gallon buckets and carrying them manually up the hill. This physical activity was extremely difficult and resulted in delayed progress.

WEEK 2:

Post School:

1) the six inch clay storm drain that was previously encountered was broken again. The clay pipe was located directly adjacent to the 1000 gallon collection tank that was removed. The clay pipe was repaired using six inch flexible pipe.

2) Only worked field crew for half a day on Saturday, December 9, 1995, due to the lack of materials and the weather conditions.

Recommendations: None

**Key Personnel Changes:** Site demobilization for the field crew will be from 12/13/95 through 1/10/96. Site demobilization for the remaining personnel will be from 12/14/95 through 1/8/96.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 12/31/95

Work Anticipated to be Performed the Following Month: 1)  
Scheduled add-on work, 2) complete Morgan Farm Rd. Landfill based  
on decisions made on entire removal of the landfill.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		4	25

Other Remarks: None

Signature:

David J. Supplew

RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 1/31/96

Project Location U.S. Military Academy, West Point, NY REPORT NO. 04

Name DAVID BUZZELLI Title QA/QC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 1/1/96 to 1/31/96

Percent Field Work Completed 97% Percent Project Completed 92%

Summary of Work Completed On-site:

WEEK 1:

None. Project operations shut down until January 16, 1996.

WEEK 2:

None. Project operations shut down until January 16, 1996.

WEEK 3:

- 1) Mobilization of project manager, cost administrator, project administrator, field engineer-QA/QC officer, and site supervisor,
- 2) field-office personnel performed administrative tasks.

WEEK 4:

- 1) field-office personnel performed administrative tasks, 2) conduct a meeting and site walk with representatives from USMA, USACE and IT Corporation to discuss remedies for the high groundwater level at the motor pool area, 3) conducted a meeting and site walk with representatives from USMA, USACE and IT Corporation to discuss remedies for the Lot F Parking Area flooding problem.

WEEK 5:

- 1) Mobilization of two equipment operators and the Health & Safety Officer.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 1/31/96

Summary of Work Completed Off-Site:

1) Accounting, purchasing, and program support.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages): None

Problems Encountered: None

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 1/31/96

Recommendations: None

Key Personnel Changes: Mobilization of entire field crew.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 1/31/96

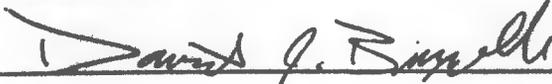
Work Anticipated to be Performed the Following Month: 1) Scheduled add-on work, 2) Morgan Farm Rd. Landfill removal activities.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		4	25

Other Remarks: 1) Received funding for Modification P0001 (Morgan Farm Road Landfill Removal Action) on Friday, January 26, 1996.  
2) Completed negotiations for modification P0002.

Signature:

  
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RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 2/29/96

Project Location U.S. Military Academy, West Point, NY REPORT NO. 05

Name DAVID BUZZELLI Title QA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 2/1/96 to 2/29/96

Percent Field Work Completed 97% Percent Project Completed 92%

Summary of Work Completed On-site:

Week 1:

1) field-office personnel performing administrative tasks, 2) mobilization of two equipment operators and the Health & Safety officer.

Morgan Farm Road Landfill

1) began excavating material at the toe of the landfill and separated scrap metal into a separate pile, 2) crushed the Building 793 IDW drums and placed inside a roll-off, 3) placed scrap metal inside the roll-off, 4) transported 7 loads of clean fill from the Morgan Farm Road landfill up to Area A of the Cragston landfill, 5) USMA Transfer Station retrieved the two empty roll-offs along with the one roll-off with scrap metal, 6) transported 93 loads of excavated material (approximately 20 yds. per load) from the Morgan Farm Road landfill up to Area A of the Cragston landfill, 7) received a 655 B track loader to replace the 544 G front end loader, 8) picked up road signs and barricades from USMA Building 905 and positioned them at Morgan Farm Road Landfill.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 2/29/96

Summary of Work Completed On-site (continued):

Week 2:

1) field-office personnel performing administrative tasks, 2) demobilization of cost administrator, project administrator, site supervisor, health & safety officer, and QA/QC officer for travel weekend.

Morgan Farm Road Landfill

1) continued excavating material from grids 5-10 of the landfill, 2) transported and staged 211 loads of excavated material from the Morgan Farm Road landfill up to Area A of the Cragston landfill, 3) transported and staged 19 loads of debris (Debris from soil Piles 1 and 2 - D1, D2) from the Morgan Farm Road landfill up to Area B of the Cragston landfill, 4) received a Waste Manager 3000 Screen and positioned on Area A of the Cragston Landfill, 5) screened excavated material from Piles 8, 9, and 10, 6) sampled excavated material Piles 3 through 22 for TCLP Metals along with the required QA/QC, 7) delivered samples to RECRA Environmental for three day turn around analysis, 8) tire on 544G front end loader was repaired and transported off-site, 9) received 550 gallon diesel fuel tank and positioned by the conex, 10) received 490 E excavator with grappler, 11) conducted coordination meeting with Bill Kavanagh, USMA (see meeting minutes for details), 12) returned barricades to USMA Roads & Grounds, 13) performed Health & Safety tasks.

Lot F Parking Area:

1) surveyed the eastern drainage swale of the parking lot.

Week 3:

1) field-office personnel performing administrative tasks, 2) mobilization of cost administrator, project administrator, site supervisor, health & safety officer, and QA/QC officer from travel weekend.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 2/29/96

Week 3 (continued):

Morgan Farm Road Landfill

1) continued screening excavated material from piles 3, 4, 10, 11, 12, 13, 16, 17, 18, and 19, and segregating into one of the three following piles: a) soil, b) scrap metal, and c) debris, 2) performed maintenance tasks around the site and office trailer, 3) sampled excavated material piles 23 through 26 for TCLP Metals, 4) delivered samples to RECRA Environmental for three day turn around analysis, 5) covered material piles MF-S-6, 14, 15, 20, and 21 with poly, 6) performed Health & Safety tasks.

Week 4:

Morgan Farm Road Landfill:

1) separated the scrap metal from the debris piles and placed in separate piles, 2) regraded haul road at Cragston Landfill, 3) placed a gate at the entrance to the work area, 4) performed engineering controls and policed the area in preparation of the demobilization, 5) covered contaminated material piles with more poly and used the excavator to place soil and rock on top to help suspend it during heavy winds, 6) graded Area A of the Cragston landfill, 7) performed minor repairs on the Waste Manager 3000 screen, 8) installed a silt fence around the lead contaminated material piles, 9) decontaminated the 6 yd. dump truck and the Waste Manager 3000 screen, 10) collected samples from lead contaminated material piles and delivered to RECRA Environmental laboratory to hold until further instructions, 11) received a roll-off from Consolidated Iron for the scrap metal, 12) separated steel from the debris piles and staged inside a roll-off from Consolidated Iron, 13) graded the Cragston area with the 655B Track Loader, 14) demobilization of the Health & Safety Officer and the Field Engineer-QA/QC Officer, 15) performed Health & Safety tasks, 16) demobilization of the entire field crew.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 2/29/96

**Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages):**

1) A change has been implemented to the Soil Sampling Plan. The original sampling plan calls for sampling soil piles at a frequency of 1 composite sample per 100 cubic yards of soil stockpile. The 100 cubic yard soil stockpiles would therefore be sampled after completion of screening operations. In an effort to avoid exposure of potentially contaminated soil through the screening machine it was suggested to sample the excavated material prior to these activities. Based on the initial field activities it was conservatively estimated that 250 cubic yards of excavated material resulted in 100 cubic yards of soil, 90 cubic yards of debris and 60 cubic yards of scrap metal. Therefore, excavated material will be staged in 250 cubic yard piles. Soil from these piles will be sampled and will represent the 100 cubic yard screened soil piles. Based on analytical results the "clean" piles will either be screened or the "dirty" piles staged for subsequent handling and disposition. As a result, the contaminated soil will be handled much less and potential exposure will be minimized.

2) Re-sampling of the contaminated soil piles. Modification to the Work Plan will be needed for the deposal of this excavated material.

**Problems Encountered:**

WEEK 1:

1) The rear left tire on the 544 G front end loader was punctured at approximately 09:00 a.m. on 1/31/96 and was inoperable until 10:00 hrs. on 2/1/96. This resulted in delayed progress.

2) The 544 G front end loader punctured another tire at approximately 10:00 hrs on 2/2/96 and was replaced by a 655 G track loader at 12:00 hrs on 2/2/96. This resulted in limited delays.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 2/29/96

Problems Encountered (continued):

WEEK 2:

1) Field activities were canceled due to inclement weather on Saturday, February 4, 1996. Field Activities resumed on Monday, February 5, 1996.

2) A hydraulic line on the 690 excavator was broken during excavation activities. As a result, the 690 excavator was set to the side and the 490 excavator was used for the remainder of the day. The 490 excavator is a smaller unit and resulted in a delay in progress.

WEEK 3:

During the Health & Safety Inspection Report the following deficiencies were noted:

1) The fire extinguisher located by the fuel tank needs to be recharged or replaced. The Corrective Action will be to recharge or replace the fire extinguisher.

2) The office trailer is not equipped with a first-aid kit. The Corrective Action will be to obtain a first-aid kit and install it in the office trailer.

WEEK 4:

None

Recommendations: None

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 2/29/96

Key Personnel Changes:

WEEK 1:

Mobilization of two equipment operators and the Health & Safety officer.

WEEK 2:

Travel weekend for entire field crew.

WEEK 3:

None

WEEK 4:

Travel weekend for entire field crew.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 2/29/96

Work Anticipated to be Performed the Following Month: 1)  
Scheduled add-on work, 2) complete Morgan Farm Rd. Landfill.

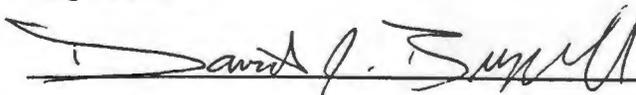
Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		74 (+8 QA/QC)	

Other Remarks:

None

Signature:

  
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RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 3/31/96

Project Location U.S. Military Academy, West Point, NY REPORT NO. 06

Name DAVID BUZZELLI Title OA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 3/1/96 to 3/31/96

Percent Field Work Completed 97% Percent Project Completed 92%

Summary of Work Completed On-site:

Week 1:

Morgan Farm Rd. Landfill:

1) remove large boulders and place at the edge of the stream bank, 2) over excavated a 12ft.x12ft.x12in. area around grab sample MF-C1-3 and placed on top of poly, 3) collected a composite sample from the over excavated area around MF-C1-3 (at each corner and the center of the area) and delivered to RECRA Environmental for total lead analysis, 4) received a RD-40B Screen and a 6 yd. Dump truck, 5) re-screened clean soil piles staged at the Cragston Landfill, 7) performed Health & Safety tasks.

Week 2:

Morgan Farm Rd. Landfill:

1) constructed a french type drainage swale down the middle of the slope utilizing geotextile fabric liner wrapped around 18 inches of 2-4 inch diameter riprap and covered with 1 ft. of fill (see drawing for drainage location), 2) transported screened soil from Cragston Landfill down to Morgan Farm Rd. Landfill as fill material, 3) removed a tree that had fallen across the stream, 4) performed maintenance on the heavy equipment, 5) received 102.37 tons of riprap, 6) placed geotextile fabric along 150 feet of the stream bank, 7) anchored geotextile fabric into the slope and placed riprap on top,

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 3/31/96

Summary of Work Completed On-site (continued):

Week 2 (continued):

8) transported five loads of riprap to the Lot "F" parking area utilizing the F700 dump truck (approximately 30 tons), 9) removed the silt fence and miscellaneous debris around the site, 10) repaired the flat tire on the F700 dump truck, 11) transported excavated material from the Morgan Farm Rd. Landfill up to the Cragston Landfill and staged and covered with poly, 12) cut recently removed trees into manageable pieces, 13) removed roots and debris and staged up at the Cragston Landfill, 14) completed grading the site, 15) placed fertilizer, seed and mulch on the one-half acre site, 16) demobilized the 655B track loader, 17) performed Health & Safety tasks.

Lot "F" Parking Area:

1) received 4 rolls of 15 ft. X 300 ft. geotextile fabric liner and staged on the eastern end of the parking lot, 2) received 22.48 tons of riprap along with the 30 tons from Morgan Farm Rd. Landfill and staged on the eastern end of the parking lot, 3) transported the 690 excavator from Morgan Farm Rd. Landfill over to the Lot "F" parking area, 4) removed the current head wall utilizing the 690 excavator, 5) changed the bucket on the 690 excavator and began dressing the drainage swale, 6) cut sections of the geotextile fabric and placed into the drainage swale, 7) placed riprap on top of the geotextile fabric, 8) performed Health & Safety tasks.

Week 3:

Lot "F" Parking Area:

1) cut sections of the geotextile fabric and placed into the dressed area of the drainage swale, 2) placed riprap on top of the geotextile fabric, 3) continued dressing the drainage swale utilizing the 690E excavator with ditching bucket, 4) assembled gabian baskets and constructed head wall, 5) received 19 loads of riprap, 6) obtained a Hot Work Permit from the USMA Fire Dept. and cut the part of the culvert pipe inlet that was previously bent inward,

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 3/31/96

Summary of Work Completed On-site (continued):

Week 3 (continued):

7) utilized an E1300 rubber tire back hoe to place riprap into the drainage swale, 8) performed Health & Safety tasks.

Post School:

1) re-graded the disturbed area utilizing the bobcat, 2) transported and staged the remaining soil at the Cragston Landfill, 3) placed fertilizer and seed on the re-graded area, 4) performed Health & Safety tasks.

Week 4:

Lot "F" Parking Area:

1) continued placing 6-12 inch riprap on top of the geotextile fabric, 2) loaded F700 dump truck with trees, excavated material, and concrete from previous head wall and transported to the Cragston Landfill, 3) received 3 loads of rip rap (64.07 tons), 4) re-graded and leveled off area around the recently constructed drainage swale, 5) began excavating the Lot "F" entrance road drainage swale, 6) loaded excavated material into the F700 dump truck and transported over to the Cragston Landfill, 7) surveyed the drainage swale to ensure there was sufficient slope, 8) cut small trenches at various locations around Lot "F" to drain low spots into the recently constructed drainage swale, 9) continued excavating the Lot "F" entrance road drainage swale, 10) surveyed the entrance road drainage swale to ensure there was sufficient slope, 11) performed Health & Safety tasks.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 3/31/96

Summary of Work Completed Off-Site:

- 1) Accounting, purchasing, and program support.
  
- 2) Authorization was given to RECRA Environmental to begin analyzing samples from the lead contaminated soil piles. RECRA Environmental analyzed samples from the lead contaminated soil piles, as well as, analysis on the over excavated confirmatory sample.

**Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages):** Discussed with Bill Kavanagh, USMA, the possibility of extending the drainage swale at the Lot "F" parking area to drain towards the Lot "A" parking area (Lot "F" Entrance Road). Construction of the Lot "F" Entrance Road drainage swale would assist in draining the surrounding area and would decrease the chances of flooding even more. Under the direction of Bill Kavanagh funding for the Lot "F" Access Road was diverted to perform the Lot "F" Entrance Road drainage swale.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 3/31/96

Problems Encountered:

WEEK 1:

A winter storm on Thursday and Friday, March 7th and 8th caused delays in progress and resulted in eleven hours of down time.

WEEK 2:

None

WEEK 3:

None

WEEK 4:

None

Recommendations: None

Key Personnel Changes:

WEEK 1:

Re-mobilization of the entire field crew.

WEEK 2:

Peter Coutts, project manager, traveled to the site on Tuesday, March 12, 1996, and remained on-site until Friday, March 15th.

WEEK 3:

De-mobilization of site supervisor, project administrator, QA/QC officer-field engineer, and equipment operator for travel weekend.

WEEK 4:

Re-mobilization of the site supervisor, project administrator, QA/QC officer-field engineer, and equipment operator.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 3/31/96

Work Anticipated to be Performed the Following Month: 1) Scheduled add-on work, 2) complete the Lot "F" Parking Area drainage swales.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		74 (+8 QA/QC)	

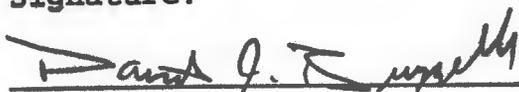
Other Remarks:

Week 4:

A meeting was held with Louie Bernardo (site supervisor), David Buzzelli (field engineer-QA/QC officer) and Terry Oliver (health & safety officer) to discuss future work. A revised Health & Safety Plan will be generated to incorporate this addition work.

A running total of 605.54 tons of riprap have been received this month.

Signature:



RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 4/30/96

Project Location U.S. Military Academy, West Point, NY REPORT NO. 07

Name DAVID BUZZELLI Title QA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 4/1/96 to 4/30/96

Percent Field Work Completed 97% Percent Project Completed 92%

Summary of Work Completed On-site:

Week 1:

1) field-office personnel performing administrative tasks, 2) demobilization of the entire field crew, 3) purchased bails of hay and a 250 gallon poly tank in preparation for next weeks field activities, 4) received 422 gallons of diesel fuel, and 5) a running total of 38.77 tons of riprap was received this week.

Lot "F" Parking Area:

1) re-graded and leveled off area around the recently constructed drainage swale, 2) continued excavating the Lot "F" entrance road drainage swale, 3) loaded excavated material into the F700 dump truck and transported over to the Cragston Landfill, 4) began cutting geotextile fabric and placed into the entrance road swale, 5) received 2 loads of rip rap and 50 yards of 1-1/8 chipped stone, 6) returned barricades and cones to the USMA Roads & Grounds, 7) completed placing rip rap into entrance road drainage swale, 8) re-graded the parking lot and crusher run stone on the disturbed areas, 10) hauled six loads of crusher run stone from the Cragston Landfill over to the Lot "F" Parking Area using the F700 dump truck, 11) performed Health & Safety tasks.

Post School:

1) loaded the F700 dump truck with concrete patio slabs and transported to the Cragston Landfill, 2) purchased six yards of screened topsoil and re-graded the disturbed areas, 3) moved the storage shed back to its original location.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 4/30/96

Summary of Work Completed On-site (continued):

Week 2:

1) field-office personnel performing administrative tasks, 2) re-mobilization for the entire field crew.

Morgan Farm Rd. Landfill:

1) constructed a decontamination pad using bails of hay, geotextile fabric liner and several layers of liner material, 2) obtained a hot work permit from the USMA Fire Department, 3) filled poly tank with water, 4) placed stockpiled scrap metal into roll-offs, 5) prepared the above ground storage tanks (AST's) for decontamination and demolition, 6) switched out the roll-offs containing scrap metal and replaced them with empty roll-offs, 7) added dry ice to the AST's to purge them of volatiles, 8) once atmospheric conditions were conducive the AST's were cut using a welding torch, 9) emptied the remaining residual into a labeled 55 gallon drum (total of 40 gallons), 10) decontaminated AST's by triple rinsing the tanks in the poly covered bermed staging area, 11) crushed the decontaminated AST's and placed inside a roll-off, 12) at the request of Bill Kavanagh, USMA, began preparation for a temporary secured staging area at the Cragston Landfill for the intermediary material removed from the Morgan Farm Landfill, 13) performed Health & Safety tasks.

Week 3:

1) field-office personnel performing administrative tasks, 2) mobilization of an equipment operator.

Morgan Farm Rd. Landfill:

1) continued segregating scrap metal into a separate stockpile and subsequently loaded scrap metal into a roll-off, 2) at the request of Bill Kavanagh, USMA, continued preparation for a temporary secured staging area at the Cragston Landfill for the intermediary material removed from the Morgan Farm Landfill, 3) consolidated excavated material into stockpiles,

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 4/30/96

Summary of Work Completed On-site (continued):

Week 3 (continued):

4) hauled screened soil stockpile to the top of the Cragston Landfill for temporary staging, 5) the thumb on the E120 excavator was welded back into place, 6) removed scrap metal from the lead contaminated stockpiles and staged until an empty roll-off is received, 7) placed excavated material from the lead contaminated stockpiles into a poly covered bermed area and cover with poly, 8) re-graded the disturbed areas at the Cragston Landfill, 9) the roll-off containing scrap metal was retrieved and an empty one was staged on-site, 10) loaded the empty roll-off with scrap metal, 11) performed Health & Safety tasks.

Week 4:

1) field-office personnel performing administrative tasks, 2) demobilization of the entire field crew.

Summary of Work Completed Off-Site:

1) Accounting, purchasing, and program support.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 4/30/96

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages):

WEEK 1:

None

WEEK 2:

At the request of Bill Kavanagh, USMA, began preparation for a temporary secured staging area at the Cragston Landfill for the intermediary material removed from the Morgan Farm Landfill. An equipment operator and additional heavy equipment are being scheduled to perform these activities. This work will begin on Saturday, April 13, 1996 and continue through Friday, April 19, 1996, including Sunday, April 14, 1996.

WEEK 3:

Continued field activities from the previous week.

WEEK 4:

None

Problems Encountered:

WEEK 1:

None

WEEK 2:

None

WEEK 3:

1) The thumb attachment on the E120 excavator was broken during field activities. This caused slight delays in progress. The thumb attachment was repaired on Monday, April 15, 1996.

2) Field activities were canceled due to inclement weather on Tuesday, April 16, 1996, which resulted in delayed progress.

WEEK 4:

None

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 4/30/96

Recommendations: None

**Key Personnel Changes:**

WEEK 1:

De-mobilization of the entire field crew for the travel weekend.

WEEK 2:

Re-mobilization of the entire field crew from the travel weekend.

WEEK 3:

Mobilization of an equipment operator.

WEEK 4:

Demobilization of the entire field crew.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 4/30/96

Work Anticipated to be Performed the Following Month: 1)  
Scheduled add-on work, 2) complete the Lot "F" Parking Area  
activities.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		74 (+8 QA/QC)	

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 4/30/96

Other Remarks:

WEEK 1:

- 1) Received approval from the New York State Department of Environmental Conservation (NYSDEC) for the revised Interim Corrective Measures Sampling and Handling Plan for Morgan Farm Landfill. These activities may be performed as planned.
- 2) Received a roll-off box from Consolidated Iron and staged at the Cragston Landfill. Scrap metal will be placed in the roll-off and transported to Consolidated Iron for reclamation.
- 3) There were no safety violations noted on the safety inspection dated 4/4/96.

WEEK 2:

- 1) There were no safety violations noted on the safety inspection dated 4/9/96.
- 2) A Preparatory and Initial inspection were performed for the AST decontamination and demolition at Cragston Landfill. There are six tanks which previously contained #6 heating fuel. Contents of the tanks were removed prior to removal activities. Some residual remained inside the tanks. A hot work permit was obtained from the USMA Fire Department. Any volatiles remaining in the tanks will be purged by adding dry ice. Once atmospheric conditions within the tank are conducive they will be cut using a welding torch. The remaining residual will be emptied into a 55 gallon drum and the tanks decontaminated. Finally, the tanks will be crushed, placed in a roll-off and transported to a scrap metal yard for reclamation.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 4/30/96

Other Remarks (continued):

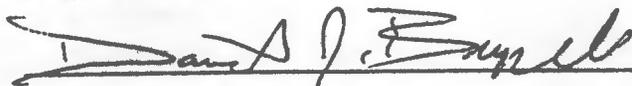
WEEK 3:

1) A Follow Up inspection was performed for the AST decontamination and demolition at the Cragston Landfill. There were six tanks which previously contained #6 heating fuel. Contents of the tanks were removed prior to removal activities. Some residual remained inside the tanks. A hot work permit was obtained from the USMA Fire Department. All volatiles remaining in the tanks were purged by adding dry ice. Once atmospheric conditions within the tank were conducive they were cut using a welding torch. The remaining residual were emptied into a 55 gallon drum and the tanks decontaminated. A total of 40 gallons was removed from the tanks. Finally, the tanks were crushed, placed in a roll-off and transported to a scrap metal yard for reclamation.

WEEK 4:

None

Signature:



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RAPID RESPONSE MONTHLY REPORT

RAPID RESPONSE  
MONTHLY REPORT  
U.S. ARMY CORPS OF ENGINEERS - OMAHA DISTRICT

Project Name USMA - West Point

For Month Ending 5/31/96

Project Location U.S. Military Academy, West Point, NY REPORT NO. 08

Name DAVID BUZZELLI Title QA/OC OFFICER

Company Name & Address IT CORPORATION 140 ALLENS CREEK ROAD  
ROCHESTER, NY 14618

Telephone No. (716) 271 - 6430 Telefax No. (716) 271 - 0251

Reporting Period: 5/1/96 to 5/31/96

Percent Field Work Completed 97% Percent Project Completed 92%

Summary of Work Completed On-site:

Week 1:

Greenhouse Demolition:

1) installed fencing around the construction site, 2) took measurements of the greenhouse and the adjacent building in order to estimate volumes for the different waste streams.

Week 2:

Greenhouse Demolition:

1) continued site preparation activities, 2) collected a sample from the wood siding on the adjacent building and delivered to RECRA Environmental for TCLP Lead analysis, 3) removed the glass window panes and placed them into 55-gallon drums, 4) constructed a decontamination station using bails of hay and sheets of poly, 4) received a 20-cubic yard roll-off for the non-hazardous debris, 5) rented scaffolding to reach the glass panes at the top of the greenhouse, 6) removed wood/steel from the greenhouse as one unit and staged it a contained area, 7) fencing subcontractor arrived on-site and took measurements for enclosing the area, 8) received a 580 backhoe with hammer attachment, 9) began removing the lead contaminated wood siding from the adjacent building and stockpiled in a contained area, 10) performed health & safety tasks.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 5/31/96

Summary of Work Completed On-site (continued):

Week 3:

Greenhouse Demolition:

1) placed the non-hazardous debris into the 20-cubic yard roll-off (a total of 8 - 55 gallon drums filled with glass was placed into the roll-off), 2) began demolishing the concrete wall into small sections using the 580 Case with hammer, 3) continued removing the lead contaminated wood siding from the adjacent building and stockpiled in a contained area, 5) electric contractors made site visits for cost estimates on re-routing the electric lines, 6) sampled the concrete, wood from the greenhouse frame and wood from the adjacent building and delivered to RECRA Environmental for disposal analysis, 7) meet with Bill Kavanagh to discuss re-routing the electric lines and clear the area of any utilities, 8) discovered a pipe while excavating on the north side of the adjacent building and canceled activities, 9) decontaminated the metal framing using a pressure washer, collected approximated 40 gallons of rinse water in a 55 gallon drum, 10) prepared site for temporary de-mobilization, 11) collected a sample from the 55 gallon drum which contained the metal framing decontamination water, and delivered it to RECRA Environmental for analysis, 12) performed health & safety tasks.

Morgan Farm Landfill:

1) sampled the lead contaminated soil staged at the Cragston Landfill and delivered to RECRA Environmental for disposal analysis.

Week 4:

1) office personnel performing administrative tasks, 2) demobilization of the entire field crew.

Week 5:

1) office personnel performing administrative tasks, 2) demobilization of the entire field crew.

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy, West Point, N.Y.

For Month Ending: 5/31/96

Summary of Work Completed Off-Site:

1) Accounting, purchasing, and program support.

Explanation of Deviation from Work Plan (Including Modifications and Schedule Slippages):

WEEK 1:

None

WEEK 2:

Currently, there are electric lines that lead into the building adjacent to the greenhouse. The USMA has requested that IT Corporation re-route the manhole and electric line as part of the greenhouse demolition project.

WEEK 3:

Currently, there are electric lines that lead into the building adjacent to the greenhouse. The USMA has requested that IT Corporation re-route the manhole and electric line as part of the greenhouse demolition project.

WEEK 4:

None

WEEK 5:

None

RAPID RESPONSE MONTHLY REPORT

Project Name & Location: U.S. Military Academy - West Point, NY

For Month Ending: 5/31/96

Problems Encountered:

WEEK 1:

None

WEEK 2:

None

WEEK 3:

1) During investigations of the electrical manway feeding the greenhouse the excavator broke a 3 inch conduit. Dig-safe had located a manhole in this location, not an electrical conduit. The excavation activities were canceled for the day. The USMA was notified of the incident.

2) During excavation activities at the greenhouse a pipe was discovered on the north side of the adjacent building. Excavation activities were canceled. Prior to beginning this work, Dig-safe had cleared the area of all utilities. Also, the conduit running from the adjacent building and going north was not in acceptable condition. A different route will need to be taken when placing the electric line. These activities are on hold until further notification.

WEEK 4:

None

WEEK 5:

None

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Recommendations: None

**Key Personnel Changes:**

WEEK 1:

Mobilization of the site supervisor, project administrator, field engineer-QA/QC officer and health & safety officer.

WEEK 2:

1) Peter Coutts, IT Corporation project manager, was on-site for Monday and Tuesday of this week, 2) mobilization of two field technicians.

WEEK 3:

Demobilization of the entire field crew.

WEEK 4:

Entire field crew remains de-mobilized.

WEEK 5:

Entire field crew remains de-mobilized.

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Work Anticipated to be Performed the Following Month: 1) Scheduled add-on work, 2) complete the Lot "F" Parking Area activities.

Unit Price Quantities Reached to Date:

Unit Price Item	Unit	Quantity to Date	Quantity Anticipated
Soil Samples		74 (+8 QA/QC)	
Wood Samples		2	
Concrete Sample		1	
Water Sample		1	

Other Remarks: None

Signature:

A handwritten signature in black ink, appearing to read "David J. K...", is written over a horizontal line.