

133595

c) TAT reviewing alternatives for most efficient and cost effective approach to complete Phase I clean up. Extreme cold weather conditions major factor effecting progress and costs of Phase I completion. TAT also commenced review, cost projection, and time schedule for option to install PVC liner as a Phase II cover system alternative.

d) TAT obtained one set of composite earth samples of exposed subgrade, for this days site work.

e) OSC, Tom Massey, issued a letter to Mr. Melabovige (Terry Shaner's attorney) concerning EPA's responsibilities and liabilities on site as they pertain to damages sustained through removal activities. This letter also addressed the OSC's concern that Terry Shaner direct all communications of any problems encountered on the site, to the designated OSC.

III FUTURE PLANS

a) OSC, Tom Massey, expected to be on scene Thursday, January 26, 1984. OSC, Jerry Saseen (Wheeling, WV, office) to be on-scene Thursday to oversee site operations.

b) EPA OSC, EPA attorney and General Battery representatives to meet on site Friday, January 26, 1984, to discuss responsible party consent order.

c) Contractor to investigate availability and costs of local gravel suppliers in area.

d) Reinstallation of Mr. Shaner's propane line to commence morning of January 26, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III

Russel E. Lundberg
RUSSEL E. LUNDBERG
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100502

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., January 25, 1984)

- a) At 1020 hrs., OSC, Tom Massey, contacted command post, USCG/AST, R. Lundberg, OSC representative, and other personnel that funding increase of 650K was officially approved. 150K of the total, is allocated to the completion of Phase I, and the remaining 500K is for Phase II operations.
- b) Full Phase I site operations resumed at 0700 hrs. This includes continued excavation around garage on site and preparation for backfilling.
- c) Personnel on scene: USCG/AST, 3; TAT, 2; Prime Contractor, 14.
- d) At 1200 hrs., Prime Contractor's JCB Crawler Backhoe suffered a cracked boom. Prime Contractor (BES) arranged for a portable welder to repair the crack.
- e) Due to the unavailability of material, no backfilling was carried out this date.
- f) Estimated 1635 cu yds backfilled to date.
- g) Estimated 930 cu yds excavated/staged this date.
- h) Estimated 6495 cu yds excavated/staged to date.
- i) Cold weather conditions continue to hamper site operations.
- j) OSC, USCG/AST, TAT and Prime Contractor (BES) concurred that all of the excavation, backfilling and rough grading in the front area of the site (Phase I) is anticipated to be completed by Sunday, February 5, 1984. In order not to interfere with the site owner's weekly site operations, the feasibility of a temporary road installation is being considered for site entry.
- k) Approximately 57% of total Phase I surface area removed to date.

II ACTIONS TAKEN

- a) At 1630 hrs., OSC contacted Steve Hare, EPA HQ, concerning lifting Prime Contractor ceiling to 120K out of the 150K allocated to Browns Battery Phase I. Steve Hare (and Donna Tolaver) will process as soon as possible.
- b) TAT personnel on site to review the primary disposal area regarding approximate limits of landfill, battery waste materials recovery along Mill Creek, drainage considerations, and possible restrictions along the railroad right of way. Prime Contractor commencing preparation of proposal to complete Phase II.

JANUARY 26, 1984

SPECIAL BULLETIN F
BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP, BERKS COUNTY, PA

Phase II - Preliminary rough cost estimate and specifications for the construction and capping of Battery waste landfill (this option is a modification to IT Feasibility Study, alternative B).

This preliminary estimate and related specifications are intended to provide adequate concept from which a detailed scope of work can be developed or the completion of Phase II.

Available funding: \$500,000

Approximate days to complete: 40 days

Summary:

- STEP 1: Install groundwater monitoring wells
- STEP 2: Excavate and backfill perimeter areas and consolidate primary disposal area
- STEP 3: Install liner system
- STEP 4: Topsoil and seeding
- STEP 5: Install perimeter fencing (included in Phase I scope of work)

Estimated days for completion (40) based on starting date to commence excavation February 10, 1984, and complete by April 6, 1984, with late contingency completion date of April 17, 1984.


THOMAS I. MASSEY
SENIOR OSC REGION III

AR100504

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hrs., January 26, 1984)

- a) PADER, Mark Selman, expressed the States concern as to who will perform the post-Browns Battery Breaking Site operation and monitoring of these wells and also the site itself.
- b) Estimated 540 cu yds of wastes/soils excavated and staged this date.
- c) Estimated 7035 cu yds of wastes/soils excavated and staged to date.
- d) Estimated 1140 cu yds of backfill trucked in this date.
- e) Estimated 2775 cu yds of backfill trucked in to date.
- f) Estimated Prime Contractor cost to date is 172K.
- g) Approximately 63% of total Phase I surface area excavated to date.
- h) Reinstallation and backfill of the propane gas line north side of the auto shop nearing completion.

II ACTIONS TAKEN

- a) TAT conducted EPA/ERT, George Prince, for concurrence on Phase II monitoring well installation. ERT advisement was to follow guidelines as outlined in IT Study.
- b) PADER, Mark Selman, investigated permeability of (native) soil that is being currently used for Phase I backfill for purposes of Phase II capping material.
- c) TAT obtained one set of composite earth samples this date of exposed subgrade Phase I area.
- d) TAT continuing photo documentation off site activities.

III FUTURE PLANS

- a) Meeting scheduled for 1300 hrs., January 27, 1984, between General Battery, possible responsible party, and EPA Attorneys.

THOMAS I. MASSEY
SENIOR OSC REGION III

Nicholas A. Kurling
OSC REP.
USCG ATLANTIC Strike Team

AR100505

STEP 3: INSTALL LINER SYSTEM

A) Haul, place and grade 8" min. to 12" earth fill over waste and fine grade to receive the HDP liner. 5740 cu yds at \$10	57,400
B) Install 30 mil. HDP liner. 155,000 sq. ft. at \$.65/sq. ft.	100,800
C) Install concrete anchor around liner perimeter. 30 cu yds at \$100	3,000
D) Haul, place and grade 18" flow zone. 8600 cu yds at \$8	68,800
TOTAL	\$230,000

16 days at ave. of \$14,370/day

The initial 8" minimum to 12" layer of clean earth backfill shall be accurately graded to provide drainage and be free of surface objects that would damage the liner. The subgrade will be inspected and approved prior to liner placement.

Liner shall be a 30 mil. HDP material installed by skilled certified installer. The liner perimeter shall be anchored with a poured concrete anchor.

AR100506

PRELIMINARY COST BREAKDOWN

STEP 1: INSTALL GROUNDWATER MONITORING WELLS

A) Install 3 wells at \$1300 ea.	3,900
B) Initial sampling and analysis 3 at \$1,100	<u>3,300</u>
TOTAL	\$7,200

STEP 2: EXCAVATE AND BACKFILL PERIMETER AREAS SURROUNDING PRIMARY DISPOSAL AREA AND CONSOLIDATE LANDFILL.

A) Excavate perimeter areas and grade into the landfill. 8000 cu yds at \$6	\$48,000
B) Backfill perimeter areas 8000 cu yds at \$14	112,000
C) Construct perimeter berm. 1500 cu yds at \$18	27,000
D) Rip Rap liners (slopes and swales. 400 cu yds at \$12	<u>4,800</u>
TOTAL (including field layout)	\$191,800

18 days at an ave. of 10,650/day.

Waste materials excavated from Phase I perimeter areas will be placed into the landfill to required subgrade and adequately stabilized to receive 8" minimum to 12" layer of clean earth fill (see STEP 3).

AR100507

SUMMARY OF ESTIMATED COSTS MODIFIED IT FEASIBILITY STUDY, ALTERNATIVE "B":

STEP 1: INSTALL GROUNDWATER MONITORING WELLS	7,200
STEP 2: EXCAVATE AND BACKFILL PERIMETER AREAS AND CONSOLIDATE PRIMARY DISPOSAL	191,800
STEP 3: INSTALL LINER SYSTEM	230,000
STEP 4: TOPSOIL AND SEEDING	71,000
STEP 5: INSTALL PERIMETER FENCING (included in Phase I scope of work)	
TOTAL COST STEPS 1-4	<u>\$ 500,000</u>

AR100508

STEP 4: TOPSOIL AND SEED

A) Haul, place and grade 6" topsoil on landfill. 3000 cu yds at \$15	45,000
B) Haul, place and grade 4" topsoil perimeter areas. 1200 cu yds at \$15	18,000
C) Hydroseed 8 acres at \$1000/acre	<u>8,000</u>
TOTAL	\$71,000

6 days at ave. \$11,830/day

Topsoil must be accurately graded to provide effective runoff and avoid ponding of surface waters. Seed mixture(s) application rates and fertilization shall be in accordance with recommendation of local agricultural agent as determined from topsoil analysis.

Erosion control methods shall be utilized as dictated by ground and weather conditions and maintained until vegetation has been thoroughly established.

STEP 5: LANDFILL SECURITY FENCING (addressed in Phase I)

AR100509

c) At 1610 hrs., this date, USCG/AST, A. Kreiling, presented letter to Mr. Leibensperger, property manager, stating that we would not be held responsible for his workers health damage outside the building during site operations.

d) Contractor ceiling lifted 120K. Total ceiling is 280K. Approximate cost to date, close of business January 27, 1984 is 183K.

II FUTURE PLANS

a) TAT will collect grab samples of clean earth backfill Phase I and forward to Martell Labs for analysis for lead and EP toxicity.

THOMAS I. MASSEY
SENIOR OSC REGION III

Nicholas A. Kreiling
NICHOLAS A. KREILING
REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100510

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1600 hrs., January 27, 1984)

a) OSC and PADER, Mark Selman, received telephone confirmation from PADER headquarters that they have no other proposed activities on scene (Phase II). Mr. Becker, however, raised concerns of the State's liabilities for any future maintainance or monitoring of this emergency site. The OSC informed that there is no planned commitments they will be requested to perform. Further, that EPA in all probability will issue a 106 order or similar document to the property owner or possible responsible party to provide such O&M activities after the six months terminates.

b) At 1300 hrs., meeting on scene with the following in attendance: John Harsch, US EPA; Diane Klorsky, US EPA; Rich Zambito, US EPA; Kermit Rader, EPA Attorney; R. J. Mitkus, US EPA; John A. Bitler, General Battery; Stacey West, Attorney, Denis Brennan, Attorney.

c) Estimated 600 cu yds of wastes/soil excavated and staged this date.

d) Estimated 7635 cu yds of wastes/soil excavated and staged to date.

e) Estimated 1245 cu yds of backfill trucked in this date.

f) Estimated 4010 cu yds of backfill trucked in to date.

g) Approximately 70% of total Phase I surface area removed to date.

II ACTIONS TAKEN

a) PADER, Mark Selman, will continue to advise his Regional headquarters personnel on daily actions including proposed plans.

b) EPA Attorney, Kermit Rader and General Battery Counsel, along with General Battery, Mr. Bitler, Vice President Environmental Resources, conducted on-site briefing of present operations and proposed operations under recent funding authority. EPA presented a draft consent order to General Battery. Possibility of a formal order being sent as soon as possible. General Battery indicated they are aware and have informed documentation of other waste generators who contributed to the dumping of batteries at this site. The OSC stressed his continuity on scene would be required and the "faith" proposal by General Battery or other possible responsible parties would have to be conducted in such manner as to provide a continuity and aggressive actions to eliminate the "direct threat."

AR100511

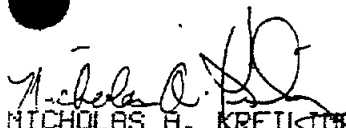
SITUATION (1700 hrs., January 30, 1984)

- a) Estimated 500 cu yds excavated and staged this date.
- b) Estimated 8100 cu yds excavated and staged to date.
- c) Estimated 300 cu yds backfilled this date.
- d) Estimated 4300 cu yds backfilled to date.
- e) Estimated 700 cu yds backfill hauled, placed and graded this date for the construction of the temporary road.
- f) Approximately 79% of total Phase I surface area removed to date.
- g) TAT continued photo documentation of on site activities.
- h) TAT advised by ERT this date confirming that recommended removal depth of the main driveway ramped section just off Fisher Lane Road be limited to minimal surface removal of approximately 6-12 inches similar to other driveway areas. This removal will be of sufficient depth to mitigate the immediate threat of exposed contaminated surface materials when backfilled. USCG/AST advised Prime Contractor of the above.
- i) At this time, overexcavation of driveway areas to a depth of approximately 12-18 inches is unavoidable due to frost penetration.
- j) Driveway areas will be stabilized with 2A modified crushed stone.
- k) Snow expected this afternoon into tomorrow. Possible accumulation of 3-5 inches.

II ACTIONS TAKEN

- a) Installation of temporary road commenced 0900 hrs., this date. Completion of the road will take place tomorrow, January 31, 1984, with a gravel layer.
- b) At 1445 hrs., OSC representative talked with Terry Shaner about possibility of Mr. Shaner moving the vehicles sometime this week. Mr. Shaner was informed by OSC representative that he would be responsible for moving the vehicles and the railroad ties.
- c) TAT collected 10 grab samples of clean earth backfill from Phase I area. These earth samples along with 10 composite earth samples of Phase I subgrade were packed for shipment to Martell Labs for analysis.

THOMAS I. MASSEY
SENIOR OSC REGION III


NICHOLAS A. KREIKING
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100512

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., January 31, 1984)

- a) Estimated 500 cu yds excavated and staged this date.
- b) Estimated 8700 cu yds excavated and staged to date.
- c) Estimated 400 cu yds backfilled this date.
- d) Estimated 4500 cu yds backfilled to date.
- e) Approximately 87% of total Phase I surface area removed to date.
- f) Construction of the temporary roadway through the Phase I area was completed to day including crushed stone surfacing.
- g) Six loads of crushed stone delivered to site this date. It was utilized to complete temporary roadway and commenced placing and grading crushed stone to final grade at N.W. corner of Phase I.
- h) At 1100 hrs., this date, Terry Shaner, property owner, stopped by command post and presented to OSC representative the bill for the wiring job to the pump house. Terry Shaner paid bill himself, and he requested a check from BES as soon as we could. OSC representative presented bill to BES.
- i) Prime Contractor, in preparation for installing a new septic tank, was informed by Reading Pre-Cast Cement Company, the supplier of the new septic tank, that a new permit was required for the installation of the septic tank and that Prime Contractor should contact the township sewage enforcement officer. PADER contacted the township's secretary, Emma Shollenberger, who in turn referred DER to Mr. Gerald Young. After discussing these requirements with PADER, Mr. Young contacted the township's secretary for details on the initial installation of the septic tank. Township sewage enforcement officer agreed to come on site 1000 hrs., February 1, 1984, to observe damage to the present septic tank and to advise OSC representative on necessary permit requirements. It was observed that one small 4" PVC pipe was damaged and it is not clear how this damage occurred. PADER observed that on January 31, 1984, the effluent discharge pipe in the current septic tank appeared to be undamaged and it is assumed that the seepage bed attached to the septic tank was not damaged during excavation and staging.
- j) Next 42-78 hrs., temperatures expected to be warm favoring site operations.

AR100513

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hrs., February 1, 1984)

- a) Weather high 28 degrees farenheit, low 15 degrees. Clear, winds calm.
- b) Estimated 195 cu yds wastes/soils excavated and staged this date.
- c) Estimated 8865 cu yds wastes/soils excavated and staged to date.
- d) Estimated 210 cu yds of backfill trucked in this date.
- e) Estimated 4755 cu yds of backfill trucked in to date.
- f) Estimated 91% of Phase I surface area excavated to date.
- g) Estimated Prime Contractor cost to date January 31, 1984, is 214K. Current ceiling is 280K.
- h) Estimated date of completion for initial Phase I (excluding restoration, house cleaning, etc) is February 10, 1984. Actual date and costs dependent on weather conditions and the availability of 2A modified crushed stone.

I ACTIONS TAKEN

- a) Bill Kauternick, PA Community Affairs, on scene 1000 hrs., to photograph site operations.
- b) George Young, Sewage Enforcement Officer, on scene 1115 hrs., for inspection of the septic tank. OSC representative to accompany on the inspection.
- c) George Young, Sewage Enforcement Officer, informed the OSC representative that the damaged septic tank would have to be replaced. EPA will pay for its replacement. OSC representative to coordinate with BES and George Young on state and local regulations on this matter.
- d) 2A modified crushed stone being trucked in this date. Spreading continues.
- e) John P. Conrad (Dog Law Enforcement Warden, PA Department of Agriculture) stopped by the command post at 1450 hrs., and spoke with Mark Selman, PADDER, concerning local residents complaints about Mrs. Desings dogs (abandoned on site). Someone complained that the dogs attacked their dogs. Mr. Conrad wanted to know where the owners of the dogs were. Mark Selman informed Mr. Conrad the owners have been relocated and the dogs were left at the site and being cared for by site personnel. Mr. Conrad stressed that the dog owners are responsible for any damages caused by the dogs and that the dogs should be removed or tied up at night.

AR100514

II ACTIONS TAKEN

- a) TAT collected 2 sets of composite earth samples of exposed subgrade this date.
- b) USCG/AST, BES, and TAT personnel reviewed site grading concerning final restoration and effective site drainage. Backfilling is being graded so that a reasonable drainage pattern can be established. Also, the contractor is placing stakes and transferring original (existing) grades onto the stakes along the main driveway area. These grade stakes are intended to provide control to ensure that the backfilling will be replaced to within reasonable proximity of original elevation. Other site areas will be graded as required to provide for drainage. Anticipate survey crew will be engaged in the near future as necessary to provide layout for final site grading and drainage patterns.

III FUTURE PLANS

- a) Mr. Gerald Young, Sewage Enforcement Officer, to be on scene tomorrow 1000hrs, to inspect septic tank.

THOMAS I. MASSEY
SENIOR OSC REGION III

Nicholas A. Kreiding
NICHOLAS A. KREIDING
JSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100515

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hrs., February 2, 1984)

- a) Estimated 360 cu yds wastes/soils excavated and staged this date.
- b) Estimated 9225 cu yds wastes/soils excavated and staged to date.
- c) No backfill trucked in this date.
- d) Estimated 4755 cu yds backfill trucked in to date.
- e) Estimated 96% of Phase I surface area excavated to date.
- f) Estimated Prime Contractor costs to date close of business February 1, 1984, is 226K. Current ceiling is 280K.
- g) Estimated intramural costs to date close of business February 2, 1984:

ERT/Extent of Contamination Feasibility Study	40K
TAT	20K
USCG/AST	6K
	<u>66K</u>

I. ACTIONS TAKEN

- a) At 0840 hrs., OSC representative presented a check to Mr. Shaner in the amount of \$41.50 for repair of a wire damaged on site. Mr. Shaner was also curious as to where the check for the trailer rental was.
- b) At 0900 hrs., surveyors on site to begin assisting in ensuring that proper drainage on site is maintained. Spot elevations of the Phase I area obtained by the surveyors indicated generally that drainage from the western area of Phase I may be directed toward the boat ramp area at the river. The drainage from the northern and eastern areas, however, drain toward a natural low spot located at the southeast corner of the site just north of the entrance drive. At this time, it appears that the only feasible approach to site drainage without involving significant changes in original site contours is to direct surface drainage toward the natural low area.
- c) At 1415 hrs., George Savage, Tilden Township supervisor, informed the OSC representative that a permit is needed for the temporary road that was installed by BES. No cost for the permit.
- d) PADER, Mark Selman, continues to coordinate concerns about gas tank damaged on site during excavation.
- e) OSC representative advised acting OSC in Thomas Massey's absence (Steve Jarvela) of the financial situation at the site. OSC representative expressed his concerns over increasing costs due

AR100516

I FUTURE PLANS

a) Contractor to concentrate on finishing excavation and continue to spread the 2A modified crushed stone on February 1, 1984.

b) OSC representative concerned that additional volumes excavated/backfilled due to the deep frost line and payment to Terry Shaner for damages will increase projected costs. Other factors that have slowed progress and increased costs are:

1) Loss of time due to shut downs (weather, Terry Shaner halting operations).

2) No backfill on certain days due to weather.

3) Time increased repairing damages on the site.

c) OSC representative to contact Kermit Rader, EPA Regional Counsel, concerning property damage issues.

d) OSC representative to contact EPA, Steve Jarvela, concerning site problems in Thomas Massey's absence.

THOMAS I. MASSEY
SENIOR OSC REGION III

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OSC REPRESENTATIVE
SCG ATLANTIC STRIKE TEAM

AR100517

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., February 3, 1984)

- a) Weather high 43 degrees farenheit, low 36 degrees, rain started approximately 1300 rhs.
- b) Estimated 375 cu yds of waste/soil excavated and staged this date.
- c) Estimated 9600 cu yds of waste/soil excavated and staged to date.
- d) No backfill trucked in this date.
- e) Estimated 4755 cu yds of backfill trucked in to date.
- f) Estimated 98% of Phase I surface area excavated to date.
- g) Prime Contractor cost to date, close of business Fekbruary 2, 1984 is \$238,725.99. Current ceiling is 280K.
- h) Over run on estimated cost from this date till February 6, 1984 are:
 - 1) Total cost of contractor at the end of February 2, 1984 is \$238,725.99. Balance is \$41,274.01.
 - 2) February 3, 1984 total cost estimated is \$251,734.99. Balance is \$28,265.01.
 - 3) February 4-5, 1984, total cost estimated \$255,734.00. Balance is \$24,265.00.
 - 4) February 6, 1984 total cost estimated \$270,734.00. Balance is \$270,734.00. Balance is \$9,265.00.
- i) Dave Wright, TAT, contacted Jeff Pike, EPA, and informed him that a ceiling increase would be necessary to complete Phase I and begin Phase II.

II ACTIONS TAKEN

- a) At 1020 hrs., OSC representative informed Mr. Shaner that he might be subject to a bill if BES should move any of the items on Phase II of the Removal Plan.
- b) OSC representative, Site Safety Officer, and BES project manager talked with Terry Shaner about moving railroad ties and miscellaneous items.
- c) Site Safety Officer, Dennis McCarthy, USCH/AST, took all items to be moved on Phase II.

AR100518

to increased amounts excavated and backfilled because of the deep frost line 12"-24". OSC representative working on methods to reduce costs over the next few operating days to ensure adequate balance for restoration and payment to Terry Shaner for damages.

f) OSC representative and Terry Shaner met on site to discuss the septic tank situation.

II FUTURE PLANS

a) OSC representative to meet with Terry Shaner the morning of February 3, 1984, to coordinate Mr. Shaner's moving of objects (cars, junk, trailers, etc) on site to facilitate excavation of contaminated area's.

b) OSC representative to draft letter to Terry Shaner, property owner, and Dick Leibensperger, property manager, outlining the moving of objects. Mr. Shaner and Mr. Leibensperger will point out those objects that are junk and those that require special handling. OSC representative to coordinate the letter with Kermit Rader (EPA Regional Counsel).

c) TAT's, Dick Buss and Dave Wright, to survey the primary disposal area on January 3, 1984.

d) No work to be performed Saturday and Sunday, February 4&5, 1984.

e) Rain and temperatures in the mid 40's expected today.

f) OSC representative anticipating a ceiling increase request on February 6, 1984.

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AR100519

d) PADER, Mark Selman, contacted Tilden Township's supervisor, who in turn will contact Terry Shaner to speed up getting a permit for installation of septic tank.

III FUTURE PLANS

a) OSC representative to contact Joe Melvin, EPA, on letter to Terry Shaner's responsibility to relocate the vehicles and miscellaneous items located in Phase II of the Removal Plan.

THOMAS I. MASSEY
SENIOR OSC REGION III

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USCG ATLANTIC STRIKE TEAM

AR100520

III FUTURE PLANS

- a) Temperatures this evening expected in the low single digits. Tomorrow temperatures will not rise above freezing.
- b) OSC representative concerned about continuing frigid weather causing problems during excavation.
- c) Phase II work will begin immediately following completion of Phase I minus restoration. This date is estimated to be February 7, 1984.
- d) OSC representative concerned about the costs associated with moving of objects on site during planned Phase II operations.

THOMAS I. MASSEY
SENIOR OSC REGION III

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JSCG ATLANTIC STRIKE TEAM

AR100521

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PAI SITUATION (1700 hrs., February 6, 1984)

- a) Estimated Prime Contractor cost to date close of business February 5, 1984, is 254K. Current ceiling is 280K.
- b) Estimated 330 cu yds waste/soil excavated and staged this date.
- c) Estimated 9930 cu yds waste/soil excavated and staged to date.
- d) No backfill trucked in this date.
- e) Estimated 4755 cu yds backfill trucked in to date.
- f) Estimated intramural cost to date February 6, 1984 is 68K.
- g) 328.79 tons stone trucked in this date.
- h) 1388.18 tons stone trucked in to date.
- i) With ceiling of 310K estimated for Phase I and the cost to complete Phase I (minus restoration) 278K, this leaves approximately 32K for restoration. OSC had anticipated having 50K for restoration, but due to the weather related problems (see previous POLREPs) this 50K may be reduced to 32K. OSC will take this into account and cost save wherever possible during Phase II.
- j) OSC representative concerned that further projected freezing weather could again increase volumes excavated/backfilled during Phase II.

II ACTIONS TAKEN

- a) Property manager, Dick Leibensperger, moved several miscellaneous items from the Phase II removal plan area.
- b) At 1100 hrs., OSC representative contacted Terry Shaner about moving his miscellaneous items from the area.
- c) OSC representative delivered check from BES to Dick Leibensperger for payment of his list of parts that were allegedly damaged during excavation.
- d) At 1215 hrs., OSC contacted EPA-ERD, Susan Delparo, and requested a 300K increase in the Prime Contractor ceiling. Current ceiling is 280K. New ceiling will be 580K.
- e) At 1340 hrs., OSC representative delivered letter to Terry Shaner and Dick Leibensperger concerning the moving of objects on site. Mr. Shaner expressed concern about his/EPA liability in moving the objects.

AR100522

h) Contractor began Phase II excavation this date. JCB backhoe concentrated excavation efforts along the back side of Mill Creek from the Schuylkill River to the railroad bridge.

II FUTURE PLANS

- a) Conrail representative expected to be on scene February 8, 1984.
- b) OSC representative to meet with Terry Shaner February 8, 1984, to get a definite answer on the moving of objects on site (liabilities etc.) discussed in the letter given to Mr. Shaner by the OSC representative February 6, 1984. Mr. Shaner has not yet signed the letter.
- c) TAT to run air samples February 8, 1984.
- d) Completion of Phase I (2A Modified Spreading) delayed to February 10, 1984 due to problems in obtaining the gravel.
- e) Septic tank to be installed February 9, 1984.
- f) 20 loads of 2A modified crushed stone expected to arrive February 8, 1984.

THOMAS I. MASSEY
SENIOR OSC REPRESENTATIVE

Nicholas A. Kreling
NICHOLAS A. KRELLING
OSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

3-7-84

AR100523

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hrs., February 7, 1984)

- a) Estimated Prime Contractor cost to date as of close of business February 6, 1984, is 266K. Ceiling is 580K.
- b) Phase I surface area excavation 98%. Excavation essentially near completion. Remaining 2% is approximately 10' width around the auto body shop that will be excavated during warmer weather to avoid damage to the building.
- c) 403.82 tons stone trucked in this date.
- d) 1792.00 tons stone trucked in to date.
- e) Final covering of approximately 20% of the Phase I driveway with 2A modified crushed stone expected to be complete February 9, 1984. Quarry where the stone is coming from will only operate a limited number of hours. The Prime Contractor has been checking into other sources and obtaining additional trucks. Despite the delay in obtaining the 2A modified stone for Phase I, Phase II excavation has begun.
- f) This date marks the official start date for Phase II operations.
- g) Weather: windy and cold, highs in the low 20's.

I ACTIONS TAKEN

- a) At 0830 hrs., the OSC representative, TAT, and BES were on site to discuss Phase II operations and the basic outline of the primary disposal area.
- b) OSC representative received septic tank permit this date.
- c) Prime Contractor contacted Conrail to have a representative on scene (anticipate February 8) to delineate the railroad right of way and any other concerns.
- d) OSC representative informed Kermit Rader of current site conditions and problems.
- e) At 1415 hrs., Terry Shaner stopped by the command post and informed the OSC representative that he would move most of the miscellaneous items on site as soon as possible.
- f) TAT, BES on site 1430 hrs., to stake out the primary disposal area.
- g) TAT received analytical results from the subgrade and backfill soil samples. Both sets of soil samples revealed no significant elevated levels of lead in these soils.

- b) OSC representative to discuss with BES the possible need for getting a surveyor for Phase II when needed.
- c) OSC representative concerned that delay's caused by the problems associated with the moving of objects on site during Phase II will cause unnecessary costs to be incurred and extend the amount of time expected to complete Phase II.
- d) OSC representative to contact EPA Regional Counsel, Kermit Rader, and OSC, Thomas Massey, for guidance on problems arising from the items interfering with site excavation.
- e) OSC representative to again speak with Terry Shaner on February 9, 1984 concerning miscellaneous items on site.
- f) Meeting scheduled in EPA Region III Philadelphia at 1100 hrs., with EPA and General Battery to further discuss the possibility of General Battery entertaining the idea of a "takeover".

THOMAS I. MASSEY
SENIOR OSC REGION III

Nicholas A. Kreiling
NICHOLAS A. KREILING
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100525

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2000 hrs., February 8, 1984)

- a) PADER, Mark Selman, received check from BES for the septic tank permit. He presented it to Tilden Township.
- b) Phase I spreading of 2A modified crushed stone continued on the driveway area.
- c) 555 front end loader broke down this morning (problems with frozen ground).
- d) 411.25 tons of stone trucked in this date.
- e) 2203.25 tons of stone trucked in to date.
- f) Estimated Prime Contractor costs to date close of business February 7, 1984, is 278K. Current ceiling is 580K.

I ACTIONS TAKEN

- a) Karen Larsen, FEMA, contacted the OSC and requested date that the relocated residents could be allowed to return. OSC indicated that there is a possibility not a probability that residents could return within 2-3 weeks.
- b) OSC requested CDC to evaluate the possibility of the former to return to their homes since 98% of Phase I is completed (Phase I area where the three residents homes are located).
- c) OSC representative attempted several times to locate Terry Shaner this date to get a final decision on moving the items in Phase II.
- d) TAT took air sample this date of machine exhausts to determine if the exhausts will be affecting other air samples being taken in the work area.
- e) At 1910 hrs., OSC representative contacted Property owner (Terry Shaner) and discussed getting a final answer on the miscellaneous items (cars, railroad ties, trailers, etc) to be relocated during Phase II. Mr. Shaner informed the OSC representative that his lawyer informed him not to sign any letter of liability/responsibility for damage to any objects. OSC was also informed that Mr. Shaner and Mr. Leibensperger will work together in moving some of the objects in question this week.

III FUTURE PLANS

- a) Installation of septic tank to commence February 9, 1984.

14 days at 7K per day = 98K
8000 cu yds/backfill material at 10 cu yds = 80K

C) Capping

10 days at \$5,760 per day = \$57,600
Clay 5600 cu yds at \$24 yds = \$134,400

Also being considered rip-rap and flow zone (sand) in swales and other area's.

D) Restoration

10 days
Phase I = 29K
Phase II = 79K

E) Monitoring Wells

3 wells at 3K (including sampling and analysis) = 9K

F) Possible Fencing

20K

G) Total Estimated Costs For Project

A-F (Prime Contractor)	\$ 841,600
Security (Prime Contractor)	32,000
TOTAL Prime Contractor	873,600
TOTAL Intramural	109,000
TOTAL FEMA	23,000
PROJECTED TOTAL PROJECT COSTS	\$1,005,600

5) NOTE: Original 898K total project costs did not include intramural above 55K.
(25K TAT, EPA, USCG/AST)
(40K ERT/IT Studies)

7) NOTE: \$1,005,600 Total Estimated Project Costs
- 898,000 Initial Project Estimate
\$ 107,600 Over Original Estimate

3) NOTE: Justification for cost overrun includes increased costs associated with over excavation/backfilling during Phase I (Estimated 10,000 cu yds excavated as opposed to the original estimate of 6000 cu yds due to frostline of 12"-24" making excavation of 6"-12" in certain area's not feasible due to extreme cold and frost depth.

Overrun also due to monies payed to the property owner for property damage and associated labor/equipment costs in making these repairs.

It is estimated that 30K-60K in costs were incurred due to days lost from heavy snows, non availability of 2A modified crushed stone, and backfill

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SPECIAL BULLETIN G
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2300 hrs., February 8, 1984)

The following is a summary/projection of costs at the Brown's Battery Breaking Site:

Date Funding Received: October 20, 1983

CERCLA 6th Month Deadline: April 20, 1984

Estimated Completion Date Phase I and II Inclusive: April 6, 1984

1) INITIAL FUNDING ALLOCATION:

Prime Contractor	160K
ERT/IT	40K
Intramural Costs	25K
FEMA	23K
TOTAL	<u>248K</u>

2) ADDITIONAL FUNDS RECEIVED:

Phase I	150K
Phase II	500K
TOTAL	<u>650K</u> Additional Funds

3) INITIAL ALLOCATION:

Initial allocation	248K
Additional Funds	650K
TOTAL PROJECT COSTS	<u>898*</u>

* Does not include intramurals over 65K.

4) ESTIATED PRIME CONTRACTOR COSTS TO DATE CLOSE OF BUSINESS FEBRUARY 9, 1984:

Intramural	302K
FEMA	65K
	<u>23K</u>
ESTIMATED TOTAL PROJECTED COSTS TO DATE	390K

5) COST PROJECTION PHASE II: START

Prime Contractor (2/9/84)	302K
Intramural	65K
FEMA	23K
TOTAL	<u>390K</u>

A) Excavation

6 days at 7K per day = 42K

B) Backfilling

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2000 hrs., February 9, 1984)

- a) Prime Contractor experienced mechanical breakdown on two of the four pieces of heavy equipment on site. These (parts) breakdowns were essentially due to metal fatigue on bearings, etc. under the stress of frozen soil. Contractor secured the replacement parts and began repairing the equipment this day.
- b) Phase I spreading of 2A modified crushed stone essentially complete this date. Some additional loads may be needed when final grading is performed during excavation.
- c) 369.87 tons of stone trucked in this date.
- d) 2573.12 tons of stone trucked in to date.
- e) Estimated Prime Contractor costs to date close of business February 8, 1984, is 291K. Ceiling 580K.

ACTIONS TAKEN

- a) OSC, EPA lawyers, Enforcement Branch met with General Battery representatives concerning future participation of possible continuing clean up activities. General Battery expressed an interest in responsibility of clean up, however, more time will be required of them to consider their long term responsibilities (i.e. remedial concerns).
- b) Prime Contractor, under the advisement and coordination of PADER and TAT, securing the services of well drilling companies for installation of ground water monitoring wells on site.
- c) Prime Contractor completed the installation of new septic tank at the Desing residence. PADER, Mark Selman, approved of installation.
- d) TAT, PADER contacted Dr. Sam Lestz, Penn State University Engineering Department, concerning background or available information on expected lead emissions from diesel exhaust. This information was requested to eliminate the possibility that any lead concentrations found in the air sampling on site was specifically not from the diesel exhausts. Dr. Lestz advised that diesel fuel does not contain lead, therefore, no lead emissions from the equipment should be expected.
- e) OSC representative informed Mr. Shaner how the railroad ties would be moved and where to.
- f) Susan Delparo, EPA-ERD, contacted the command post this date to inform site personnel that POLREPs and Special Bulletins sent to date have been very thorough. Delparo also informed site personnel only EPA costs are intramural and TAT, ERT, USCG, etc, are extramural

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borrow site not being able to be reached due to icy roads.

9) Estimated days to complete project 40-60 days. OSC will advise/inform EPA Headquarters on possible cost/time overrunning and the possible need for extension (time, cost) due to problems outlined in #8.

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SENIOR OSC REGION III

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SPECIAL BULLETIN H
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1000 hrs., February 9, 1984)


At 1910 hrs., February 8, 1984, OSC representative contacted Terry Shaner at his home about letter on moving items in the Phase II removal area. Terry Shaner informed OSC representative that his attorney instructed him not to sign anything. Terry Shaner stated he was ill and that he would try to come out February 9, 1984 to move items out of trailer and cement slabs. He was concerned about moving some of the items because of lack of manpower. Terry Shaner said he would take things out of the trailers and locate them in Phase I area. Also, that he would move items off the braking building concrete slabs.

Terry Shaner still expressed concern about his property. OSC representative informed Terry Shaner several times to contact OSC, Thomas Massey, on any questions concerning his property.

OSC representative informed Terry Shaner that he has given him ample time to move the items, but he hasn't cooperated.

OSC representative also gave Terry Shaner permission to move the vehicles back onto Phase I.

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AR100531

costs. OSC requesting immediate guidance on this matter from EPA HQ as this may affect the overall financial breakdown.

g) At 0850 hrs., OSC representative contacted Kermit Rader concerning call placed to Terry Shaner. OSC representative requesting guidance from Kermit Rader and Thomas Massey on the moving of items in Phase II (Special Bulletin H to follow).

h) At 0900 hrs., Thomas Massey informed OSC representative that EPA will assume responsibility for items to be moved under Phase II. Massey informed the OSC representative to obtain video equipment through the Prime Contractor to document the condition and placement of items on site. Before, during and after removal.

i) 555 front end loader and 977 front end loader being repaired this date. This limits the amount of excavation that can be performed this date.

j) At 1150 hrs., OSC representative met with Terry Shaner and Dick Leibensperger on what actions would be taken on the moving of items in Phase II in order to continue excavation/operations. Also, informed Terry Shaner that once we move the items on Phase II, BES will not move the objects again.

II FUTURE PLANS

a) RADER, Mark Selman, to contact Conrail representative concerning the right of way as it pertains to the final disposal area.


b) USCG/AST McCarthy expected to leave the site 0830 hrs., February 10, 1984. USCG/AST Montgomery will replace McCarthy as Site Safety Officer on February 12, 1984.

c) Weather expected to break the next 5 days temperatures may reach 50 degrees fahrenheit. Chance of rain February 11, 1984.

d) OSC representative to coordinate with the OSC extramural vs. intramural cost tracking concerns.

e) No work the weekend February 11-12, 1984.

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AR100532

documentation of on-site (Phase II) trailers, autos, railroad ties and a variety of odd machinery parts. All of these items were situated in the Phase II area directly adjacent to the railroad bed. The video documentation was requested by the OSC prior to the initiation of the transfer and excavation in and around the Phase II area.

b) Site owner, Terry Shaner, advised the OSC representative that he would initiate moving of Phase II area equipment and items this weekend, February 11 and 12, 1984. Mr. Shaner expected most of these items to be relocated by Monday, February 13, 1984.

c) TAT continuing to perform air monitoring around the Phase I area and also in the Phase II excavation operation area plus background.

d) PADER, Mark Selman, contacted Conrail (Don Butler) concerning the railroad's right of way adjacent to the site. The OSC considering the possibility of Conrail being a responsible party if any contaminated material is located within Conrail right of way.

III - FUTURE PLANS

a) Documentation of all air and soils analysis data from the site to be summarized by TAT during the week of February 13, 1984, for future presentation to the CDC. This information will be used in the decision process as to whether to move the residences back onto the site in the near future.

b) Contractor to commence site operations by 0900 hrs., February 13, 1984. No operations this weekend.

c) All Phase II site activities which include moving equipment and personal items owned by Terry Shaner to be video taped prior to and during the move.

d) TAT, Dick Buss, to complete formal plans and design of final disposal areas by February 15, 1984.

e) USCG and TAT to continue investigation of cost cutting options such as local security, better work and manpower schedules.

f) PADER, Mark Selman, to draft letter to Conrail to inform them of project and to seek written approval for possible right of way intrusion and PUC's buffer zones.

g) Terry Shaner expected to move his on-site Phase II equipment this weekend off site.

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AR100533

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hrs., February 10, 1984)

a) Personnel on-scene: USCG/AST - 2
TAT - 2
PADER - 1
Prime Contractor - 13

b) Prime Contractor concentrating excavation efforts on south end of primary disposal area this day. This excavation includes all the areas along the banks of the Mill Creek waterway.

c) Two of the Contractor's four pieces of earth moving equipment on site suffered mechanical breakdowns this day. These (parts) breakdowns were again attributed to the strain and stress of excavating frozen soil. The Contractor sent one of these equipment (front end loader) back to the home shop for weekend repairs. Both machines are expected to be back in service by Monday, February 13, 1984.

d) At 1015 hrs., OSC representative spoke with site owner, Terry Shaner, concerning the moving of vehicles back onto the completed Phase I area from the (to be) excavated Phase II area. Mr. Shaner indicated to the OSC representative that this Phase I area needed about 8 inches more gravel before he would consider the area completed. Mr. Shaner told the OSC representative that if the "job wasn't done right he would shut the site operations down."

e) At 1130 hrs., the OSC representative advised the Prime Contractor to have his employees work a half day. This cost-effective decision was made based on:

- 1) Earth moving equipment breakdowns
- 2) Unavailability of site owner, Terry Shaner, for his assistance in accessing the on-site trailers for video documentation. This documentation was needed to be performed prior to any handling and moving of on-site equipment.

f) At 1230 hrs., General Battery Corporation representatives, John Beitler (Vice President Environmental Resources) and Jeff Davis on scene and took a walk around site activities. These representatives made no formal approach to BES contractor.

g) Estimated Contractor costs close of business February 10, 1984 is 311K. Contractor ceiling is 580K.

h) At 1400 hrs., Terry Shaner began moving items from the Phase II area to the Phase I area.

II ACTIONS TAKEN

a) At 1300-1400 hrs., TAT and OSC representative performed video

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I ACTIONS TAKEN

a) OSC representative initiated a general daily briefing for the on site leases/owner of daily site activities. These efforts are being established to assist in keeping of good relations with on-site work people.

b) At 0930 hrs., OSC, Thomas Massey, Donna Tolaver, EPA/ERD HQ, and TAT held a conference call confirming the following ceiling increases to the Prime Contractor:

<u>Phase I</u>	<u>DCN No.</u>	<u>Amount</u>
10/27/83	D2E-009	\$50,000
12/30/83	D2E-009	25,000
1/09/84	D2E-059	50,000
1/16/84	D2E-059	35,000
TOTAL		\$160,000

Additional funds received for Phase I and Phase II work on 1-25-84:

Phase I	\$150,000
Phase II	500,000
TOTAL	\$650,000

Ceiling increases to the Prime Contractor:

<u>Date</u>	<u>DCN No.</u>	<u>Amount</u>
1/27/84	D2E-065	\$120,000
2/09/84	D2E-066	300,000
TOTAL		\$420,000

Current Contractor ceiling (obligated) \$580,000.

Estimated cost of Prime Contractor close of business February 13, 1984 is \$316,000.

Estimated Total obligated costs:

Prime Contractor	\$580,000
TAT	24,600
USCG/AST	7,641
FEMA	23,000
ERT/IT	40,000
EPA (intramural)*	10,000
TOTAL	\$685,241

c) Video documentation performed by BES on the moving and relocation of railroad ties (Phase II area).

d) USCG/AST Safety Officer contacted EPA/ERT, Rod Turpin, to confirm that the Level "C" respiratory protection used by the contractor was adequate (ERT confirmed).

e) PADER, Mark Selman, continues to inquire with Conrail concerning railroads right-of-way on ownership of on-site miscell;

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hrs., Monday, February 13, 1984)

a) Personnel on scene: USCG - 2
TAT - 1
PADER - 1
Prime Contractor- 13

b) Site owner, Terry Shaner, did not initiate any on site moving of Phase II area equipment, i.e. trailers, railroad ties, car parts, etc. as he had advised the OSC representative he would do over this past weekend.

c) Site operations efforts concentrating on excavation of south end of disposal pile and manually moving and relocating of an estimated 1000 used railroad ties from the Phase II area into the Phase I area. These moving efforts, of miscellaneous items in the Phase II area, are expected to be completed by Wednesday, February 15, 1984.

d) Three earth moving equipment operational on site (backhoe and two frontend loaders). The D-6 bulldozer incurred a transmission breakdown. A replacement D-6 is expected to be on scene Tuesday, February 14, 1984 to resume grading operations.

e) Weather conditions: Monday, February 13, high 50 degrees farenheit, overcast; Tuesday, rain expected throughout the day, expected high 55 degrees farenheit. Outlook for Wednesday - Friday: unseasonably high temperatures remaining in the 50's.

f) At 0900 hrs., USCG/AST, Jerry Montgomery, on scene in replacement for Dennis McCarthy.

g) After repeated efforts to make contact by the OSC representative, site owner, Terry Shaner, still unavailable throughout the day.

h) Estimated costs at close of business February 13, 1984

(extramural):	
Prime Contractor	\$316,000
(ceiling 580K)	
TAT	24,600
USCG/AST	7,641
FEMA	23,000
ERT/IT	40,000
TOTAL COSTS	<u>\$411,241</u>

BROWN'S BATTERY BREAKING SITE

TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hrs., February 14, 1984)

- a) Personnel on scene: USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 14
- b) USCG/AST, Russel Lundburg, on scene to replace Al Kreiling as OSC representative.
- c) The site operations efforts continued on the excavation of the south end of the primary disposal area, relocation of railroad ties from Phase II area to the Phase I area and also grading operations over these areas.
- d) At 1200 hrs., heavy rains started in the Reading, PA, area hampering excavation vehicle and site efforts. At 1330 hrs., the heavy rains increased making site operations and machinery essentially inoperable without causing damage to the backfilled/gravelled areas and also possibly endangering the site working personnel. Based on these reasons, the OSC representative decided to shut down site operations for the day. All equipment was secured and personnel left the site at 1430 hrs.
- e) Prime Contractor costs at close of business February 14, 1984, is \$321,000. Current ceiling is 580K.
- f) Heavy rains are expected to continue throughout the night and into tomorrow. This situation may again hamper site operations and cause delays in site operations.
- g) Verbal results from air sampling performed in and around the site during excavation and site work the days of February 9 and 10, 1984, showed less than detectable levels of lead.
- h) OSC representative repeatedly attempted to contact site owner, Terry Shaner concerning the status of his Phase II area equipment i.e. trailers, railroad ties, cars, car parts etc. Mr. Shaner did not respond to any of the messages left by OSC representative at Shaner's home and property. Mr. Shaner's unresponsiveness to the contacts and lack of willingness to move or relocate his equipment can possibly hamper and impede the progress of the Phase II excavation progress.

II ACTIONS TAKEN

- a) OSC advised by Region III CDC representative (Charles Walters) that CDC will consider present relocated residents (Moll, Desing and Straussers) could possibly be moved back into their on-site homes after the following conditions are met:
- 1) Site is properly cleaned up as proposed, which includes Phase II.
 - 2) The houses are properly decontaminated of any possible lead particulates (via vacuum, dusting, etc).

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f) Results of air sampling performed in and around the site during site work for the days of January 19, 1984 and February 1, 1984 showed less than detectable levels of lead.

g) OSC, Thomas Massey, requested EPA/ERD, Susan Delparo (Project Officer), to visit site during the week of February 13, 1984 to assist TAT's in cost accounting.

II FUTURE PLANS

- a) USCG/AST, Russ Lundberg, to replace Al Kreiling as OSC representative on Tuesday, February 14, 1984.
- b) Contractor to have full operating capacity for excavation by 1000 hrs., February 14, 1984.
- c) OSC, Thomas Massey, expected to be on-scene either February 15 or 16, 1984.
- d) Heavy rains expected for Tuesday, February 14, 1984.
- e) TAT, Dick Buss to present final design plans for final disposal area to TAT, Prime Contractor and USCG/AST on Wednesday evening, February 15, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III

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AR100538

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2000 hrs., Wednesday, February 15, 1984)

- a) Personnel on scene: USCG/AST - 2
TAT - 1
PRADER - 1
Prime Contractor - 14
- b) At 0700 hrs., personnel on-scene to assess site conditions. Heavy rains continue throughout the last 15 hours, approximately 2.0 inches of rain was recorded in the Reading area. Again, the overnight and current rainfall is hampering site operations due to the inability of the heavy earth moving equipment to operate. The work area, on the south end of the disposal area, was inaccessible due to flood conditions of that creek.
- c) OSC representative contacted the site leasor, Mr. Leibensperger, concerning the various trailers, railroad ties, cars, car parts, etc., on site prior to having Contractor manpower relocate these items from the Phase II area. Mr. Leibensperger told the OSC representative that all these various items belonged to the site owner, Terry Shaner. OSC representative attempted to contact Mr. Shaner, but Shaner was still unavailable.
- d) At 0900 hrs., due to the prevailing terrential rain and extreme flooding conditions on site, the OSC representative decided to call off work this day for the Contractor operations. This decision was based on possible equipment and site damages, safety concerns and also cost-efficiency to the project.
- e) Weather conditions: Wednesday, February 15, 1984, highs in the mid 50's, with rain; Thursday and Friday clearing with above normal daytime temperatures remaining in the 50's.
- f) Estimated Prime Contractor cost close of business February 15, 1984 is 330K. Current ceiling is 580K.

I ACTIONS TAKEN

- a) OSC representative contacted OSC, Thomas Massey, concerning the on-going unavailability and non-cooperativeness of Terry Shaner, site owner. The OSC representative's main concern was the Phase II miscellaneous items as mentioned in past POLREPs, i.e. trailers, railroad ties, cars, car parts, etc., and the liability of these items by the EPA. At this time, Mr. Shaner's unavailability is impeding the progress of the Phase II operation. The OSC will advise the EPA attorney on this matter.
- b) Kermit Rader, EPA Attorney, contacted OSC representative concerning the Terry Shaner problem. Mr. Rader will contact Shaner's lawyer for assistance in this matter and will advise representative as to what steps or actions are to be taken.

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b) Charles Walters to visit and inspect the site possibly during the week of February 20, 1984. This visit will also be to review the site for any additional CDC health concern requirements.

c) PADER, Mark Selman, talked with Conrail contractor, Walter Pohl, concerning history and status of an estimated 1000 railroad ties situated on site. Mr. Pohl told Mark Selman that the ties were given to Mr. Shaner, site owner, at no cost. These ties were from the second railroad tracks line adjacent to the site that was taken out of service and excavated in 1981.

d) PADER, Mark Selman, contacted Conrail, Don Butler, again concerning Conrail's right-of-way as it applies to this site. Mr. Butler to get in touch with Conrail's General Manager of Philadelphia and Harrisburg, PA, regions and the administrators in charge of Conrail's right-of-way and leasing contracts.

e) BES contractor contacted NEPCO (New England Pollution Control) well drillers. A representative for NEPCO to be on-scene Thursday, February 16, 1984, to cost-out and advise on the availability of their equipment for the installation of the three monitoring wells.

f) All on-site personnel sent Valentine Day greetings to their respective spouses, sweethearts, and mothers.

III FUTURE PLANS

a) OSC to advise FEMA of CDC concerns on the return of the residents to their homes.

b) Prime Contractor to investigate local sources of top soil for the Phase I and II sites.

c) OSC, Thomas Massey, expected to be on scene Thursday, February 16, 1984.

d) Contractor to be on scene at 0700 hrs., February 15, 1984, to assess working conditions with OSC representative.

THOMAS I. MASSEY
SENIOR OSC REGION III

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AR100540

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hrs., Thursday, February 16, 1984)

a) Personnel on scene: USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 14

b) Based on the previous evenings' presentation of the final disposal area by TAT, Dick Buss, the Prime Contractor concentrated his site work efforts in excavation and consolidation of the Phase II area. This activity included utilizing four pieces of earth moving equipment.

c) Weather conditions: Overcast and 55 degrees farenheit.

d) At 1000 hrs., three Conrail representatives on scene to meet with PADER, Mark Selman, and OSC representative (See Actions Taken).

e) Contractor experiencing heavy battery casings (up to 9 feet deep in some excavation areas along the railroad property).

f) ERD, Donna Tolaver, confirmed to the OSC representative that the costs for the Prime Contractors' labor rate would be doubled if work was performed on Monday, February 20, 1984 (President's day).

g) Estimated costs at close of business February 16, 1984:

<u>Extramural (obligated funds \$580,000)</u>	
Prime Contractor	\$338,000
USCG/AST	8,850
TAT	25,000
FEMA	23,000
ERT/IT	40,000
Intramural EPA only	1,800
TOTAL COSTS	\$436,650

I ACTIONS TAKEN

a) At 1000 hrs., three Conrail representatives on-scene to meet with PADER, Mark Selman, and OSC representative. Conrail's representatives: J.M. Franco, John Wetzel, and Jim Montague. Conrail's presence was requested by PADER to insure that the newly constructed disposal area did not interfere with Conrail's right-of-way. After a brief tour of the disposal area, the Conrail representatives told PADER and the OSC representative that they had no problems with the location of the disposal area. The landfill was designed to include a 20 foot section of Conrail's right-of-way. In conjunction with Conrail's approval for disposal area construction, the Conrail's representatives offered to remove telegraph poles and reroute electrical lines of theirs situated directly adjacent to the landfill for a nominal fee. The OSC representative agreed that this

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c) TAT contacted FEMA, Karen Larsen, about relocated residents and their possible near/future return to the site after an advisement from CDC. CDC, under the recommendation of OSC, will draft a listing of site criteria (final clean-up and decontamination) for the residential areas to meet prior to rehabilitation. CDC, Charles Walters, will coordinate these efforts with OSC representative and TAT.

d) BES (Prime Contractor) contracted with a local farmer for topsoil for the Phase I and II areas. These efforts may result in a cost savings of up to approximately 50% less than the original pricing for topsoil.

e) PADER, Mark Selman, contacted Conrail, Eileen Gegeckas, General Manger's office, Philadelphia to inquire about Conrail's right-of-way. Ms. Gegeckas has sent a memo to appropriate bureaus alerting them of this project and requesting site inspection as soon as possible. Ms. Gegeckas will call to PADER to confirm site visit.

f) At 1530 hrs., Ms. Gegeckas contacted Command Post to inform PADER that three Conrail representatives will visit site on Thursday, February 16, 1984.

g) At 2000 hrs., TAT, Dick Buss, presented final plans with drawing specifications to the TAT, PADER, USCG/AST, and Prime Contractor.

III FUTURE PLANS

a) Contractor expected to have full site operations in progress by 0730 hrs., February 16, 1984.

b) Three Conrail representatives to be on-scene at 1000 hrs., February 16, 1984 to meet with PADER and OSC representative and to inspect right-of-way property line, leased property, etc., of Conrail.

c) OSC representative considering not working Monday, February 20, 1984. Being a federal holiday, closing site operations for the day would be cost effective.

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h) At 1800 hrs., OSC Representative met with site owner, Terry Shaner, concerning site operations. Mr. Shaner was very upset about the condition of the area, i.e. muddy and non-topsoiled areas around the driveway and houses. The OSC representative explained to Mr. Shaner that all these areas will be restored to their original contours, etc., as the weather continues to improve, i.e. ground thawing and drainage.

A major point to come out of this meeting was the establishment of a better line of communication between the OSC representative and Mr. Shaner.

II FUTURE PLANS

a) The OSC representative decided to have the Contractor work on Saturday, February 18, 1984. The reasons for this action is to:

- 1) Take advantage of the good weather patterns in the area.
- 2) Maintain good continuity in site excavation efforts.

3) Implement cost-effective measures by the offset of the loss of not working on a federal holiday Monday, February 20, 1984 (work would double the daily cost) as opposed to working Saturday at a one and a half times the normal rate.

b) Conrail track crew to be on-scene Tuesday, February 21, 1984 to remove telephone poles (2) in the disposal area and also to reroute the electrical wires from these poles. This action is essentially important to the assistance in the construction of the landfill and also an added safety assurance to the work crew.

c) No work is to be performed on site Sunday and Monday, February 19 and 20, 1984, respectively.

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would be a great help to the site, especially for safety reasons.

b) Conrail's representatives (Jim Montague) requested the PADER and DSC representative to sign a Release form as part of the agreement for construction. The PADER and DSC representative informed the Conrail representative that they would need the concurrence of their attorneys' prior to signing.

c) A copy of the Release form was forwarded to EPA Attorney, Kermit Rader. DSC representative to await for attorney approval.

d) DSC representative was informed by the Conrail representatives that the estimated 1000 railroad ties lying on the battery casings adjacent to the Conrail line were given to the site owner, Terry Shaner, by Conrail. This information is contrary to the statement that Terry Shaner gave to the DSC representative in that he paid \$7.00 per railroad tie to Conrail.

e) Conrail informed PADER that all the railroad ties, abandoned cars (6), and miscellaneous items lying on the casings are all sitting on Conrail property. In addition, Conrail informed the DSC representative that Shaner does not lease from them any of the land that he has his items stored on. Conrail informed PADER that if requested, Conrail will request Terry Shaner to remove these various items. The DSC representative was extremely pleased with the amount of cooperativeness extended to this project by Conrail.

f) CDC, Charles Walters, informed the DSC representative that the CDC advises the following criteria for the site be met prior to rehabilitation of the Shaner site residents:

1) Decontaminate all clothes/personal effects remaining in the homes during operations. Dry clean or launder these items away from site.

2) Decontaminate interior of homes prior to residents return. Vacuum drapes, furniture, carpets: wash (decontaminate) nonporous surfaces in homes.

3) Replace filters (furnace, air conditioners, etc) clean/vacuum refrigerator coils.

4) Clay cap must be in place on broken battery casings pile at rear of site.

5) After backfill, soil in inhabited area should be analyzed to rule out excessive lead contamination.

g) NEPCCO (New England Pollution Control Company) on-scene to assess and talk with PADER, TAT and Contractor about ground water monitoring well(s) installation for the disposal area. NEPCCO to advise BES Contractor by February 17, 1984, as to the costs and availability of well drilling.

All monitoring wells will be installed with the concurrence and coordination with the PADER, Mark Selman.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1600 hrs., Saturday, February 18, 1984)

- a) Personnel on scene: USCG/AST - 1
TAT - 1
Prime Contractor - 9
- b) Site activities include major battery casing excavation along Conrail railroad bank. This area is the primary location where the majority of casings are situated (up to 7 feet deep).
- c) Weather: Sunny and 50 degrees fahrenheit.
- d) Prime Contractor costs at close of business February 17, 1984 is 345K. Current ceiling is 580K.
- e) Prime Contractor experienced some possible vandalism to his equipment over the past 3 nights i.e. water in the gas tank, lines etc.

II ACTIONS TAKEN

- a) Contractor working with reduced manpower and concentrating work efforts on excavation with heavy earth moving equipment.
- b) Approximately two thirds of the battery casings along the railroad embankment have been excavated and consolidated onto the disposed pile.
- c) At 1400 hrs., site owner, Terry Shaner, confronted OSC representative USCG/AST, Russ Lundberg, with his displeasure with the Phase I area i.e. driveways and parking area. Mr. Shaner requested that these areas be immediately attended to (regravelled) by close of business Tuesday, February 21, 1984 or an immediate plan of action be drafted by that time (subject to Shaner's approval) or else Shaner will close the job site down. At present, these Phase I areas are undergoing ground thaw which has led to a somewhat sloppy/muddy condition. On Friday evening, February 17, 1984 Terry Shaner's truck got stuck in this area. The OSC representative advised Mr. Shaner that the Phase I area has not yet been completed and is planned for full and final restoration within three weeks time. Mr. Shaner again re-emphasized that he will shut the job down if no immediate action was taken soon.
- d) At 1430 hrs., the OSC representative, TAT and Contractor contacted OSC, Tom Massey, by telephone. The OSC advised that we confer with USEPA attorney, Kermit Rader, to help clear up and settle this matter. The contractor (BES) advised the OSC representative that this Phase I area was not ready for immediate restoration at this time due to:
- 1) Ground thaw
 - 2) Wet conditions from thaw and heavy rains
 - 3) Intermittent availability of gravel quarries this tj
- e) All site activities ceased at 1500 hours and the site was secured for Sunday and Monday, February 19 and 20, 1984.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hrs., Friday, February 17, 1984)

- a) Personnel on scene: USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 12
- b) Weather conditions: drizzle and 45 degrees farenheit.
- c) All site excavation efforts focused on the Phase II area. Site conditions are typically muddy and wet. Approximately one third of the casings area along the railroad embankment has been excavated and staged. Backfill operations will commence the week of February 20, 1984 in these areas.
- d) Estimated Contractor costs at close of business February 17, 1984 is 345K. Current ceiling is 580K.

II ACTIONS TAKEN

- a) OSC representative held daily briefing with site leasor, Mr. Leibensperger concerning present and future site operations.
- b) NEPCCO (New England Pollution Control Company) informed Contractor that installation of wells would exceed budgeted costs. TAT conferred with EPA/ERT and PADER concerning modifications to outlined well installation, to insure cost-effectiveness.
- c) Contractor excavated and consolidated estimated 1920 cu yds this date from along the railroad embankment. TATs to document these estimates daily.
- d) No air sampling was performed during this week due to rainy conditions.

III FUTURE PLANS

- a) No site work on February 19 and 20, 1984.
- b) Backfill and topsoil operations to commence Tuesday, February 21, 1984 on the Phase I and II areas.
- c) Conrail workers to be on-scene Tuesday, February 21, 1984.
- d) Contractor to contact NEPCCO for well drilling modification and scheduling.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1300 hrs., February 20, 1984, President's Day)

- a) No Contractor work this date.
- b) Estimated Prime Contractor costs to close of business February 19, 1984, is 354K. Current ceiling is 580K.

I ACTIONS TAKEN

- a) At 1100 hrs., OSC contacted EPA Regional Counsel (Kermit Rader) at his residence concerning Terry Shaner's intent to close the job down by close of business February 21, 1984 if his driveway was not completed to his satisfaction.
- b) After conferring with Mr. Rader the OSC contacted the property owner (Terry Shaner) to discuss the problem with his driveway. The OSC reconfirmed the EPA's intent to restore his property upon completion of the project and informed him final grading and filling would start as soon as possible; weather and project progress permitting.

II FUTURE PLANS

- a) OSC exploring possible amendment to the original funding request to include a request of the property owner that the landfill area be usable to him. Costs associated with this will follow as soon as possible in a Special Bulletin. OSC to investigate the Federal responsibility to provide for a request of this nature.
- b) Site operations to commence February 21, 1984.

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III FUTURE PLANS

- A) OSC and TAT confer with EPA attorney, Kermit Rader, on Monday, February 20, 1984 at 0900 hours.
- b) All site work to commence Tuesday, February 21, 1984 at 0700 hours.
- c) Conrail workers expected on-scene at 1000 hrs. February 21, 1984.
- d) OSC representative to contact Terry Shaner on February 21, 1984 concerning site issues.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PPA

I SITUATION (1800 hrs., February 21, 1984)

- a) Conrail on-scene 0800 hrs., to remove telephone poles and re-route wires in their right-of-way.
- b) Personnel on scene:
 - USCG/AST - 2
 - TAT - 2
 - PADER - 1
 - Prime Contractor - 15
- c) Estimated Prime costs to close of business February 20, 1984, is 356K. Current ceiling 580K.
- d) William Kvaternick (PA Community Affairs) on-scene 1500 hrs., to observe the status of the site.
- e) Temperatures in mid 40's, winds 20-30 mph.

II ACTIONS TAKEN

- a) OSC, Regional Counsel, and EPA HQ continue to investigate the Federal Responsibility/legality in making the landfill usable as per the property owner's request.
- b) TAT and PADER conferred with George Prince, ERT concerning the relocation of proposed monitoring wells. ERT concurred with TAT and PADER on installing 3 perimeter monitoring wells replacing one well through the battery casings and two on the perimeter.
- c) TAT spoke with Bill Kvaternick (PA Community Affairs) and requested relocation costs to date. Information should be available February 22, 1984.
- d) Kermit Rader contacted the command post concerning current and projected costs to date for the project.
- e) TAT unable to give letter (previous letter sent to Shaner's lawyer) to Terry Shaner this date. Mr. Shaner was not on scene. Letter being given to Shaner at the OSC's request. Letter is concerning site operations.
- f) Conrail removed poles and re-routed wires within their right-of-way to make excavation along the railroad tracks easier.
- g) OSC requested TAT to develop preliminary costs that may be associated with making the land fill area usable.
- h) Mark Selman, PADER, contacted Penn DOT concerning drainage problems with the driveway areas at the site. Penn DOT representative

Dr W/MAL

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may come on scene to offer advice on possible alternatives.

- i) Excavation along railroad continues.
- j) Additional loads of stone placed on driveway area to further stabilize the road conditions.
- k) 283.03 tons of stone trucked in this date.
- l) 2856.15 tons of stone trucked in to date.

III FUTURE PLANS

- a) OSC representative to contact Kermit Rader concerning Conrail release for construction on the right-of-way.
- b) OSC awaiting guidance on the legality/responsibility of the Federal government to make the landfill area usable per the property owner's request.
- c) OSC representative to coordinate a future meeting with PADER, PENN DOT, USCG/AST, TAT, and property owner concerning the current state of the road and possible alterations that may improve the road.
- d) OSC to begin preparation of the 6 month/million dollar CERCLA limits exemption letter. As discussed in previous POLREP's numerous weather related problems have been encountered causing rising costs and time delays. Information on additional funding and/or time needed to complete the project will follow in subsequent POLREP's along with justification. Current preliminary projections indicate that the original budget of 898K will be exceeded.
- e) Monitoring wells tentatively to be installed the week of February 27, 1984.
- f) TAT to perform soil sampling on February 22, 1984.

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b) Prime Contractor to complete stabilization of the area for permanent location of Terry Shaner's vehicles presently located in the Phase II area.

c) TAT to continue preparation of cost projections.

d) Prime Contractor to begin backfill operations in the Phase II area February 23, 1984.

e) Topsoil tentatively to start arriving February 23, 1984. The material will be stockpiled for the interim pending restoration.

f) OSC to begin preparation of 6 month/million dollar exemption letter and also additional funding request.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hrs., February 22, 1984)

- a) Personnel on-scene: USCG/AST - 2
TAT - 2
PADER - 1
Prime Contractor - 14

b) Estimated costs to close of business February 21, 1984.

Extramurals:

Prime Contractor	368K
USCG/AST	10K
ERT/IT	40K
TAT	27K
FEMA	23K
TOTAL ESTIMATED EXTRAMURAL	468K

Intramural 2K

Total estimated project cost to February 21, 1984 is 470K.

c) Approximately 50% of Phase II area excavated.

II ACTIONS TAKEN

- a) Prime Contractor continuing excavation of Phase II area. Progress greatly improved due to warmer weather conditions.
- b) PADER and TAT staked out the locations of the three perimeter monitoring wells. Wells scheduled to be installed early next week.
- c) TAT compiled composite sampling from the Phase II area.
- d) TAT performed air monitoring this date. Three samples taken.
- e) OSC representative, PADER (Mark Selman) met with Terry Shaner concerning a tentative future meeting with Penn DOT, concerning the driveway.
- f) OSC representative gave a copy of the letter (concerning restoration) to Terry Shaner that was sent to Shaner's lawyer.
- g) Area where property owner's cars will be moved to is near completion. Shaner indicated he will move the cars this weekend.

III FUTURE PLANS

- a) PADER, Mark Selman, to contact Penn DOT February 23, 1984; to finalize plans for a meeting on site with Penn DOT to discuss driveway improvements.

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Equipment -	54,400
Per Diem -	19,200
	<u>372,189</u>
Contingency 30%	
TOTAL	<u>\$483,846</u>

3) Concrete option:

Approximately 156,250 sq ft x \$3.75 sq ft = \$585,938 (estimate includes: 6" gravel, concrete, labor) plus 30% contingency = \$761,719

* The above 3 options do not include costs for engineering changes that would possibly be necessary if it was determined that the land must be usable. Costs also do not reflect labor for additional preparation to institute any of the options. Final costs/options and methods would have to be analyzed and developed by engineers if any of these options became necessary.

* Also note that these costs would be in addition to Phase II costs minus topsoil and hydroseeding.

D) Possible activities General Battery could undertake/pay for outside of actually performing clean up activities at the Brown's Battery Site:

- 1) Fencing approximately 1800 linear feet at \$15/ft = \$27,000
- 2) Air sampling: 6-10 samples per week x 6 weeks = 60 samples x \$30 per sample = \$1,800
- 3) Install 3 monitoring wells: 3 wells x \$3,000 = \$9,000
- 4) Ground water sampling and analysis: 3 wells x \$100 per well = \$300
\$300 x 3 runs = \$900
- 5) Hydroseeding 10 acres x \$1,000 per acre = \$10,000

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SPECIAL BULLETIN I
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2200 hrs., February 22, 1984)

A) Preliminary costs associated with CDC's 5 criteria to be met before rehabilitation of residences on site.

1) Decontaminate all clothes, personal effects left in homes. Dry clean or launder these items away from site.

3 residences x \$1,000 ea = \$3,000

2) Decontaminate interior of homes. Vacuum, wash, etc.

3 residences x \$5,000 ea = \$15,000

3) Replace filter (furnace, air conditioners etc). Clean/vacuum refrigerator coils.

3 residences x \$250 ea = \$750

4) Clay cap must be in place on broken battery casings pile at the rear of site. Costs already included in Phase II.

5) After backfill, soil in inhabited areas should be analyzed to rule out excessive lead contamination.

10 samples per residence x 3 residences = 30 samples

30 samples x \$100 per sample = \$3,000

Total estimated preliminary costs for the 5 criteria is \$21,750.

B) Relocation costs (FEMA)

Estimated close of business February 22, 1984 is \$11,440

Estimated total April 30, 1984 is \$23,000

C) Preliminary estimated costs associated with making the landfill area usable per Terry Shaner's (property owner) request to be able to use the landfill area.

Possible options to cover landfill:

1) Blacktop option (cost includes labor)

Approximately 156,250 sq ft at \$2.50/sq. ft. = \$390,625

Contingency 30%

507,812

Per Diem

20,000

TOTAL

\$527,812

2) Clay, plastic, backfill and gravel cover option approximately 156,250 sq. ft.

12" clay (covered in Phase II costs)

Plastic - \$156,250

1 foot fill - 13,014

6" gravel - 78,125

Labor (8 weeks) - 51,200

AR100554

Capping	200K	10 days
Monitoring Wells	10K	
Restoration	110K	10 days
Fencing	27K	
Demobilization	6K	
Security	32K	
TAT \$700 day x 40 days	28K	
USCG/AST \$400 day x 40 days	16K	
ERT	5K	

* Projected additional extramural funds to April 13, 1984 (total of above) is 669K.

* Projected additional intramural funds to April 13, 1984 is 5K.

Total projected additional funds to be spent:

Extramural	669K
Intramural	5K
TOTAL	674K

6) Total project funding to date is 898K
 Subtract (cost to date) 483K
 Total remaining 415

7) Total projected/estimated costs at completion of the project (estimated April 13, 1984):

Costs to date February 22, 1984 (extra & intramural included)	483K
Projected additional costs	674K
TOTAL	\$1,157,000

8) Current projection \$1,157,000
 Subtract 898,000 (Initial funds)
 Over original estimate 259,000

9) Estimated additional funds to be requested as soon as possible:

Prime Contractor	188K
Intramurals	5K
Extramurals other than the Prime	66K
TOTAL	259K

10) Expected date 898K funding to run out March 14, 1984.

11) Brief justification for 257K overrun:

A) Approximately 10,000 cu yds excavated as opposed to the preliminary estimate of 6,000 cu yds (frost line being 24" and actual depth being greater than the extent of contamination indicated).

B) Given a the number of cu yds to backfill also increased.

C) Nine days where costs were incurred with little activity due to weather hampering backfilling/excavation, trucking etc. Minor property owner delays due to damages and requests of the property owner

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SPECIAL BULLETIN J
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2200 hrs., February 22, 1984)

The following is a summary/projection of costs/time estimates for completion of work at the Brown's Battery Breaking Site:

Date initial funding received: October 20, 1983

CERCLA 6 month deadline: April 20, 1984

Re-projected completion date for Phase I & II inclusive: April 14, 1984.

1) Initial funding allocation:

Prime Contractor	160K
ERT/IT	40K
Intramurals	25K
FEMA	23K
TOTAL	248K

2) Additional funds received to date:

Phase I	150K
Phase II	500K
TOTAL	650K

3) Original estimated total project costs:

Initial allocation	248K
Additional funds	650K
TOTAL	898K

4) Estimated project costs to date (close of business February 22, 1984)
Extramural:

Prime Contractor	378K
TAT	28K
USCG/AST	10K
ERT	40K
FEMA	23K
Extramural Total	479K

Intramurals:

EPA	4K
TOTAL	4K

Total estimated project costs to date intramural & extramural inclusive:
483K

5) Projected/estimated additional project costs and time to 1984 (40 working days from February 20, 1984):

Excavation	50K	6 days
Backfilling	185K	14 days

AR100556

BROWN'S BATTERY BREAKING SITE
 — TILDEN TOWNSHIP
 BERKS COUNTY, PA

I SITUATION (1700 hrs., February 23, 1984)

- a) Personnel on-scene: USCG/AST - 2
 TAT - 2
 PADER - 1
 Prime Contractor - 12
- b) Estimated cost to date close of business February 22, 1984:
- | | |
|------------------|----------|
| EPA | \$ 1,800 |
| USCG/AST | 14,711 |
| TAT | 27,900 |
| Prime Contractor | 391,300 |

To date the USCG/AST per diem had not been included in daily costs, therefore, the large increase in today's USCG/AST estimated cost to date.

- c) 12 trucks of gravel delivered this date.
- d) Estimated 1185 cu yds of backfill trucked in this date.
- e) Estimated 1185 cu yds of backfill trucked in to date Phase II.

II ACTIONS TAKEN

- a) OSC advised by EPA Attorney, Kermit Rader, that recent conversations with possible responsible parties (General Battery) have not been fruitful. Mr. Rader believes General Battery has been dragging their feet in offering good-faith negotiations to take over responsibility of the balance of the project activities.
- b) There has been numerous information and documentation passed by the OSC and his staff to General Battery in order to facilitate their operational considerations. In fact, Mr. Beitler, General Manager of General Battery, has been contacted by the Prime Contractor (BES) to facilitate their needs. Prime Contractor has not been contacted back by this company. The OSC considers that the company has been delectary and has not acted in an aggressive good-faith manner. The OSC has requested a 106 order to be sent as soon as possible.
- c) TAT collected soil sample from Phase II excavation area.
- d) TAT and PADER located a pile of partially buried drums in wooded area of the perimeter of site. All visible drums appeared empty; however, TAT to investigate further at future date.
- e) Prime Contractor continues excavation and backfilling of Phase I area.

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NOTE: Perhaps the most important reason for the cost overrun was the actual extent of the battery casings and the problems caused by the extreme cold.

D) Similar situations may be encountered during Phase II.

E) Possible additional costs may be associated with CDC's 5 criteria for rehabilitation of the residents.

F) NOTE: FEMA costs as well as all other costs may be greater if project is not complete by April 14, 1984.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., February 24, 1984)

- a) Estimated costs to date close of business February 24, 1984:
- | | |
|------------------|---------|
| EPA | \$2,100 |
| USCG/AST | 15,073 |
| TAT | 28,500 |
| Prime Contractor | 403,268 |
- b) Personnel on-scene: USCG/AST - 2
TAT - 2
PADER - 1
Prime Contractor - 10
- c) 9 trucks of gravel delivered this date.
- d) Estimated 630 cu yds of backfill trucked in this date.
- e) Estimated 1815 cu yds of backfill trucked in to date Phase II.
- f) Weather conditions: sunny, warm

II ACTIONS TAKEN

- a) Mr. Bernstein, Soils Engineer for Penn Dot, met with OSC representative, PADER, and Prime Contractor to discuss stabilizing access roads into the site. Bernstein offered the following comments:
- 1) Soil used for backfill appears to contain high percentage of fine material.
 - 2) Grades around access roads are lower than the average Phase I grades allowing surface water to collect.
 - 3) There are no provisions to assist in drainage of the low-lying areas of Phase I at this time.
 - 4) Heavy truck traffic through poorly drained areas is forcing water and soil up through the void spaces in the crushed stone in driveway.
 - 5) Above average rainfall and rapid freeze-thaw conditions have contributed significant moisture to the subbase.
 - 6) Backfill of frozen soil in the driveway area did not permit thorough compaction of subbase.
- b) Mr. Bernstein offered the following suggestions to al conditions:
- 1) Provide better drainage for ponded water with installation of pipe drains.

AR100559

III FUTURE PLANS

- a) Tentative meeting on site 1000 hrs., with PENN DOT, USCG/AST, TAT, BES, and Shaner.
- b) OSC to submit \$1,000,000 exemption letter along with additional funding request (see Special Bulletin J) early next week.
- c) FITS to be on-scene February 24, 1984.
- d) Staging of topsoil on Phase I area to commence early next week.
- e) OSC representative R. Lundberg to be relieved by P. Glenn USCG/AST on February 26, 1984.

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BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1700 hrs., February 26, 1984)

a) Estimated cost to date close of business February 26, 1984:

EPA	\$2,100
TAT	23,500
USCG/AST	15,073
Prime Contractor	416,639

b) Personnel on-scene February 25-26, 1984:

USCG/AST	- 2
Prime Contractor	- 3

c) Weather: Saturday - rain; Sunday - clear, cold

d) Estimated 1815 cu yds of backfill trucked in to date Phase II.

II ACTIONS TAKEN

a) Prime Contractor continues excavation and installation of pipe drainage system in the driveway. Operations hampered and delayed due to inclement weather and lack of gravel.

b) OSC representative informed that Terry Shaner (property owner) unavailable to move cars off of excavation area to permanent location due to hospitalization. Mr. Shaner was involved in a truck accident over the weekend.

c) OSC continues to work on million dollar exemption letter.

III FUTURE PLANS

a) Prime Contractor to continue work on pipe drainage system on Monday, February 27, 1984.

b) OSC to submit the draft million dollar exemption letter February 27, 1984 for review. The letter is to be forwarded to ERD HQ February 27, 1984 for concurrence.

c) NEPPCO to be on-scene to install monitoring wells this week.

THOMAS I. MASSEY
SENIOR OSC REGION III



J. S. P. GLENN
REPRESENTATIVE
JUG ATLANTIC STRIKE TEAM

AR100561

- 2) Cease Using Shaner's access road/driveway for heavy truck traffic.
- 3) Test portions of Shaner's access road/driveway with additional #2 stone to see if conditions improve.
- 4) Grade Phase I area toward drainage area.
- c) OSC, OSC representative, TAT, PADER and Penn Dot concur that the installation of a drainage pipe is necessary in the Phase I area in order to improve road and drainage conditions.
- d) Prime Contractor continues excavation and backfilling of Phase II areas.
- e) Member of the FIT team on-scene to review site for NPL rating.
- f) Jeff Leed and Byron Bradd (General Battery representatives) on-scene 1600 hrs this date to view site operations.

III FUTURE PLANS

- a) Prime Contractor to work weekend of February 25 and 26, 1984 to install drainage pipe.
- b) OSC representative DCI Russel E. Lundberg to be received by Lt. S.P. Glenn, USCG/AST February 26, 1984.
- c) OSC to prepare million dollar exemption letter.
- d) NEPCCO to be on-scene next week to install 3 perimeter monitoring wells.

THOMAS I. MASSEY
SENIOR OSC REGION III


LT. S. P. GLENN
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100562

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., Monday, February 27, 1984)

a) Personnel on scene: USCG/AST - 2
TAT - 2
PADER - 1
Prime Contractor - 13

b) Estimated cost to date close of business February 27, 1984:

EPA	\$21,000
TAT	29,100
USCG/AST	16,700
Prime Contractor	440,000

c) Weather conditions - overcast, dry approximately 40 degrees fahrenheit.

d) Ground thaw in the Phase I area continues to make working conditions excessively muddy.

e) 12 truckloads of gravel delivered this date.

f) Approximately 1290 cu yds (86 truck loads) backfill trucked in this date.

g) Approximately 3105 cu yds fill delivered to date for Phase II area.

II ACTIONS TAKEN

a) Contractor's efforts concentrating on excavating, backfilling, and leveling the Phase II area. Contractor also continuing installation of drainage pipe in the Phase I area. Excessively wet conditions are presently slowing and hampering this pipe installation.

b) Contractor informed OSC representative that delivery and installation of Phase I area topsoil may be delayed up to a week due to:

- 1) Ground thaw and excessive moisture in the Phase I area.
- 2) Excessive moisture in the topsoil also due to the ground thaw.

c) TAT collected soil samples in the Phase II excavated area subsurface. The samples will subsequently be sent for analysis for total lead concentrations.

d) At 1600 hrs., EPA Attorney, Kermit Rader, contacted TAT personnel on-scene concerning some questions with Conrail release form. The attorney advised that the OSC representative or PADER not 1... the release form until questions concerning liabilities have been clarified. The OSC representative will coordinate efforts to resolve this situation with the EPA Attorney, PADER, and Conrail.

AR100563

II FUTURE PLANS

- a) Weather forecast - 100% probability of snow and freezing rain tonight and into tomorrow. Expected accumulation 3-6" of snow.
- b) NEPCCO to be on scene Thursday, March 2, 1984, to install 3 perimeter groundwater monitoring wells.
- c) Prime Contractor to continue excavating of backfilling Phase II area and installing pipe drainage system Phase I area.
- d) The OSC to forward the \$1 million exemption letter to ERD HQ for review.

THOMAS I. MASSEY
SENIOR OSC REGION III



T. S. F. GLENN
ISC REPRESENTATIVE
ISCG ATLANTIC STRIKE TEAM

AR100564

FUTURE PLANS

- a) Meeting with Mrs. Terry Shaner scheduled for 1000 hrs., Wednesday, February 29, 1984 regarding the moving of her husband's vehicles.
- b) Towing service to be on-scene 1030 hrs., Wednesday, February 29, 1984 to move Shaner's cars from excavation area. The operations is to be video taped for documentation.
- c) OSC, Thomas Massey, including in the \$1 million dollar exemption letter an additional request for a 30 day extension.
- d) Prime Contractor to continue excavation and backfilling of Phase II area along with completion of pipe drainage system.

THOMAS I. MASSEY
SENIOR OSC REGION III


J. S. F. GLENN
JSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100565

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1700 hrs., February 28, 1984)

a) Personnel on-scene:

USCG/AST -2
TAT -2
Prime Contractor -14

b) Estimated cost to date:

EPA \$21,000
TAT 29,700
USCG/AST 16,937
Prime Contractor 446,300

c) Heavy freezing rains overnight continuing into the morning hours. These conditions making site operations extremely muddy and disrupting excavation and backfilling efforts.

d) Based on the weather conditions and the safety condition, 1000 hrs the OSC representative ceased site operations for the day.

e) 12 truckloads of gravel delivered this date.

I ACTIONS TAKEN

a) Prime Contractor worked on pipe drainage system until weather conditions prohibited these operations. Prime Contractor then worked on Phase II excavation and staking of railroad ties.

b) OSC representative contacted Mrs. Terry Shaner regarding the removal of the vehicles parked in the Phase II excavation area. An offer was made to contract and arrange for the removal of the vehicles. Mr. Shaner is unable to make arrangements due to his injuries.

c) Prime Contractor contacted professional towing company to facilitate the removal of Mr. Shaner's vehicles.

d) TAT contacted PA Community Affairs planning supervisor, Bill Kvaternick, concerning the status of the relocated residents' leases, i.e. termination of lease date. Mr. Kvaternick advised that each of the resident's leases will expire April 30, 1984. He also requested that he is advised if site operations are to be extended in order to prepare for a lease extension.


e) BES Soils Engineer, Dick Imhoffer, on scene to assist in engineering aspects of site restoration.

AR100566

previously discussed at a meeting attended by Mrs. Shaner (Mr. Shaner was invited but elected not to attend).

- L. After listening to this explanation, Mr. Shaner stated this was the first time he heard this. He further stated that this would not provide him with a suitable parking area for his business ventures.
- M. Thomas Massey then requested a written statement from Shaner to clarify any misunderstandings. The OSC stated that EPA Attornies would be in contact with Shaner's lawyer.
- N. Shaner was dissatisfied with this resolution and ordered all personnel and equipment off his property. Mr. Shaner then left the command post uttering profanity as to the present situation. OSC was immediately notified and directed OSC representative to comply with Mr. Shaner's orders.
- O. Mr. Shaner then went on site to personally order the workers off the site.
- P. Mr. Shaner said to Mr. Baranowski, BES, "Get your equipment off my property." Mr. Baranowski told Shaner that he was in the process of moving his equipment onto the Conrail property bordering the site. Mr. Shaner then said "I will not be responsible for any of your equipment."
- Q. The OSC promptly called EPA Attorney's to inform them of the situation. All site personnel are on standby until further notice.
- R. Due to this situation, the following additional costs will be incurred:
 - 1. Estimated total standby costs (includes FEMA) \$4075 per day
 - 2. Estimated cost $\frac{1}{2}$ day lost 2/29/84 \$6,000
 - 3. Estimated remobilization cost \$1,500
 - 4. Additional cost will be incurred due to make-up time (weekend rates)

Thomas I. Massey
Senior OSC Region III


Lt. S. P. Glenn
OSC Representative
USCG Atlantic Strike Team

AR100567

SPECIAL BULLETIN K
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1135 hrs., February 29, 1984)

- A. At 1015 hrs., this date, Mr. & Mrs. Shaner arrived on site to discuss the movement of the vehicles off the excavation area by a towing service hired by the Prime Contractor.
- B. Mr. Shaner remained in vehicle due to his recent accident while Mrs. Shaner went into command post to talk with OSC representative and site personnel.
- C. Mrs. Shaner expressed concern as to the condition of the access roads and to the extent and usefulness of the pipe drainage system. The BES Soils Engineer explained the drainage of the site and purpose of the pipe drainage system to Mrs. Shaner.
- D. Mrs. Shaner also requested of the OSC representative that she be presented with an official letter as to the final condition of the site. She stated that she has had several offers by various companies to locate their business on the back section of her property which is the location of the landfill. Mrs. Shaner stated that these businesses would require large pieces of equipment that would be moved over the landfill. She further stated that she was under the impression that at the close of the operation this landfill area would be capable of withstanding the truck traffic. At the close of this discussion, both Mrs. Shaner and the OSC representative were in agreement that she would be presented with this letter by early next week.
- E. The OSC representative informed Mr. Shaner that he would be presented with this letter as soon as possible and Mr. Shaner told the OSC representative he would close down the site if he was not presented with the letter by Friday, March 2, 1984.
- G. Terry Shaner then expressed concern as to the fill material being used in the Phase II area. The OSC representative invited Mr. Shaner into the command post to discuss this matter with BES Soils Engineer.
- H. Mr. Shaner, OSC representative, and personnel from BES then discussed in depth the problems associated with the moisture in the roadway and how these problems would be resolved by the end of the project.
- I. Mr. Shaner expressed considerable concern as to the final condition of the landfill area.
- J. At this point OSC, Thomas Massey, called the site to talk with OSC representative for update of the site activities.
- K. Mr. Shaner then expressed his concerns to Thomas Massey over the phone. Thomas Massey, Senior OSC, explained EPA's position regarding this project. The OSC went into great depth explaining the government's legal obligation and limits to the final desposition of Mr. Shaner's land. The OSC clearly stated that the government would not construct a parking area over the landfill on the landfill area with clay and soil and finally seed the area to protect from environmental conditions. The OSC further stated that these items were

AR100568

I. SITUATION (1700 hrs., Wednesday, February 29, 1984)

- A. Personnel on scene:
- | | |
|------------------|------|
| USCG/AST | - 2 |
| TAT | - 1 |
| Prime Contractor | - 14 |
- B. Estimated cost to date close of business February 29, 1984:
- | | |
|------------------|-------------|
| EPA | - \$ 21,000 |
| TAT | - 30,000 |
| USCG/AST | - 17,300 |
| Prime Contractor | - 453,300 |
- C. All site personnel and equipment off site on standby until further notice. See Special Bulletin K.
- D. Correction in Special Bulletin section R: daily standby cost is \$4,075 not \$475,000.
- E. 27 truckloads approximately 405 cu yds of fill delivered this date.
- F. Approximately 3510 cu yds of fill delivered to date Phase II.

II. ACTIONS TAKEN

- A. At 1035 hrs. this date, Terry Shaner, property owner, ordered all staff and equipment off site due to his dissatisfaction of site restoration plans. Refer to Special Bulletin K.
- B. OSC and EPA Attorney, Kermit Rader, preparing 106 Order letter to be hand delivered to both Terry Shaner and his lawyer.
- C. OSC representative unable to contact Shaner at home to obtain his home address for hand delivery of the documents. OSC representative contacted Shaner's lawyer, however, he did not know Shaner's home address.
- D. OSC and Kermit Rader contacted Mrs. Terry Shaner 1530 hrs. regarding site operations/shut down.
- E. Prime Contractor worked until 1035 hrs. installing pipe drainage system and excavating and backfilling Phase II area.
- F. James Burke, EPA Office of Congressional and Intergovernmental Relations, and Timothy Hartman, PADER on scene 1040 hrs.

III. FUTURE PLANS

- A. Terry Shaner to be served 106 Order tomorrow, March 1, 1984.
- B. Site personnel to remain on standby until further notice from OSC.

THOMAS I. MASSEY
FOR OSC REGION III

SP Glen
LT. S. P. GLENN

OSC REPRESENTATIVE

USCG ATLANTIC STRIKE TEAM


AR100569

SPECIAL BULLETIN L
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1200 hrs., February 29, 1984)

OSC, Thomas Massey, immediately informed Regional personnel including Kermit Rader of the situation (see Special Bulletin K). This action is considered unreasonable by the property owner. Previous guidance from EPA headquarters, Hans Krump, indicated that there could be no enhancement or facilitating construction of a parking lot on top of the previously approved disposal area (250 x 600 ft). Previous Polrep's have indicated a cost estimate, and this personal request of Mr. Shaner's would be approximately over a quarter million dollars. Kermit Rader, EPA Attorney, to prepare a 106 Order immediately. OSC will have this order hand carried to Mr. Shaner and his attorney as soon as possible since this shut down will cause considerable expense. If the 106 Order is not sufficient and Mr. Shaner still denies access to federal work crews, OSC and EPA Attorney will plan a stronger course of action to include any restraining orders or other instruments that will enable the federal crews to continue on stabilization and control of this emergency clean-up site.

THOMAS I. MASSEY
SENIOR OSC REGION III


T. S. P. GLENN
SC REPRESENTATIVE
SCG ATLANTIC STRIKE TEAM

AR100570

- D. OSC is concerned about certain constructual issues at the site both past and future operations inclusive. OSC through TAT special project is arranging for a special consultant from Roy F. Weston, Inc., to deal with these construction issues.
- E. Sgt. William Houtz, Conrail Police Department, on scene 1140 hrs., to discuss movement of Shaner's vehicles. OSC representative and Sgt. Houtz met with Mr. Leibensperger, Shaner employee. Sgt. Houtz advised that if Mr. Shaner agrees to have the vehicles moved, EPA will incur the cost, however, if Shaner refuses to have cars moved, then Conrail will move the vehicles at a cost to Shaner.
- F. Prime Contractor completed work on pipe drainage system and continues excavation and backfilling of Phase II area.
- G. At 1415 hrs., Shaner gave OSC representative verbal authorization to move vehicles. Shaner continues to display dissatisfaction of site activities. Shaner also continues to threaten both civil and media actions against site operations.
- H. OSC representative, TAT, Prime Contractor and PADER reviewing site operations to determine ways to reduce costs and streamling on-site efforts. Considerations are:
 - 1) Subcontract for site security
 - 2) Reduce federal monitors on site
 - 3) Review of comments generated by Weston Consultant on equipment and personnel utilization

III. FUTURE PLANS

- A. OSC and special consultant to be on scene tomorrow March 2, 1984 to observe site operations.
- B. Towing firm to be on scene 1000 hrs., March 2, 1984 to move Shaner's vehicles. This operation will be video taped for documentation.
- C. At 1000 hrs., March 2, 1984 Gas Company to be on scene to pressure test Shaner's fuel oil tank that Shaner alleges was damaged due to site activities.
- D. Weston Consultant to be on scene week of March 5 to assist in assessing site operations.
- E. NEPCCO to be on scene Monday, March 5, 1984 to install 3 perimeter monitoring wells. This operation had been scheduled this date, but due to inclement weather conditions earlier this week, the work was post-poned.
- F. Due to lost time this week, approximately 12 hours, OSC representative to determine if site operations will be continued through weekend pending weather forecast.

THOMAS I. MASSEY
SENIOR OSC REGION III


S. P. GLENN
OSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

ART00571

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PAI. SITUATION (1700 hrs., March 1, 1984)

A. Personnel on scene:

USCG/AST	- 2
TAT	- 1
PADER	- 1
Prime Contractor	- 14

B. Estimated cost to date close of business March 1, 1984:

EPA	\$ 21,000
TAT	30,300
USCG/AST	17,650
Prime Contractor	463,300

C. At 0730 hrs., Prime Contractor remobilizing.

D. No trucks of backfill or gravel delivered this date due to the site closure February 29, 1984.

E. Estimated 12.5 days contractor may work under present ceiling (weekends excluded).

II. ACTIONS TAKEN

A. The OSC (Thomas Massey) received a telephone call approximately 1800 hrs., February 29, 1984 from Mr. Shaner. The OSC in telephone conversation at 2200 hrs. spoke with Mr. Shaner concerning his previous denial of access to work crews on his property. The OSC had previously spoke to Kermit Rader, EPA Attorney, at 2100 hrs. who indicated he had spoke with Mr. Shaner's lawyer stating EPA's intention to issue a 106 Order with penalties of approximately \$5,000 a day indicating possible involvement of federal marshall to aide in access of federal work crews. Mr. Shaner in telephone call at 2200 hrs. stated he is withdrawing his previous denial of access of work crews on his property. Mr. Shaner, however, was very adement in his many different issues which he has raised in the past as to the resolution of his demands. The OSC considers Mr. Shaner's demands to be unreasonable and his allegations to be on most issues untruthful. There has been a pattern of Mr. Shaner's heresay on many different issues which have been investigated and found to be untruthful. He indicated in his conversation that he is contemplating a law suit primarily based on the fact that we are denying him a livelyhood. Kermit Rader, EPA Attorney, was requested by OSC to prepare and hold in obeance the 106 Order and other possible legal message that could be immediately served to Mr. Shaner in the event that he will deny access again. (This was the second time Mr. Shaner prevented work crews on his property and it shall be noted he has threatened at least 6 other times to "shut down the operation."

B. At 2230 hrs., February 29, 1984, OSC contacted OSC representative advising that property owner, Terry Shaner, has reconsidered and is allowing the federal forces to resume project activities.

C. At 2300 hrs., February 29, 1984 OSC representative contacted project manager and advised him to have personnel on site to resume work the next morning.

AR100572

- f) Ed's Towing Service on scene 1030 hrs., to move Shaner's vehicles off Phase II excavation area.
- g) Byron Bradd (representing General Battery) on scene this date to photograph site activities.
- h) Terry Shaner offered the OSC shale from a property he owns for use on the site. Shaner complained to the OSC that this shale material was the type of fill he wanted on the back Phase II area.
- i) BES, Weston Consultant, TAT and Terry Shaner drove to Shaner's property location to access the feasibility of using fill from Shaner's property as opposed to the location presently being accessed. A written recommendation is to be presented to OSC by BES, Weston, TAT Monday, March 5, 1984. OSC to concur with Kermit Rader regarding situation.
- j) Regional Administration approved the additional funding request. A signed copy was Federal Expressed and telefaxed to EPA HQ to expedite HQ approval. As of close of business this date, there remains approximately 10 working days of funds for the Prime Contractor under the current ceiling of \$580K.
- k) TAT collected samples from Phase II excavation area and fill material.
- l) OSC, OSC representative, TAT and Contractor concurred that it is inoperative to the progress of this site work that the contractor continue working through the weekend. This decision was made in order to take advantage of the dry, but cold weather and also to make up for lost time.

II FUTURE PLANS

- a) Prime Contractor to be on scene the weekend of March 3 and 4 to install additional drainage system.
- b) Pinkerton Security to be on scene March 3, 1984 to begin security work.
- c) NEPCCO to be on scene Monday, March 5, 1984 to install monitoring wells.

THOMAS I. MASSEY
SENIOR OSC REGION III


T. S. P. GLENN
ISC REPRESENTATIVE
ISCG ATLANTIC STRIKE TEAM

AR100573

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1300 hrs., March 2, 1984)

a) Personnel on scene:

EPA - 1
TAT - 2
USCG/AST - 2
PADER - 1
Prime Contractor - 14

b) Estimated cost to date close of business March 1, 1984:

EPA \$ 2,400
TAT 30,900
USCG/AST 18,000
Prime Contractor 464,032
Estimated cost to date is \$577,161.

c) Weather: cold, clear

d) OSC, Thomas Massey, on scene.

II ACTIONS TAKEN

a) OSC, OSC representative and TAT met with Terry Shaner this date to discuss current issues. OSC hand delivered letter to Shaner regarding telephone conversation of February 29, 1984. The OSC reinforced the fact that he is available for comment to Shaner for any issues of concern.

b) At 1000 hrs., Hafer Petroleum Equipment Ltd. on scene to pressure test Shaner's underground oil storage tank. Hafer found no damage to this tank; however, he was unable to pressure test the tank due to an illegal venting system.

c) PADER attempted to contact state fire marshal, Carl Mindler, regarding Shaner's illegal venting system of the above mentioned fuel oil storage tank. The fire marshal was unavailable at this time; PADER to follow up early next week.

d) Weston's Special Consultant on scene 0830 hrs, this date to assist in excavation and consolidation projects. Consultant advised the OSC representative that another drainage problems along the Schuylkill River side of the property.

e) At 1100 hrs., Pinkerton Security on site to review site operations. Prime Contractor hired Pinkerton for security as a cost savings measure (It is estimated that approximately \$1300 a be saved).

POLREP 57

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hrs., Sunday, March 4, 1984)

a) Personnel on scene:

USCG/AST - 2
TAT - 1
Prime Contractor - 12

b) Estimated cost to date close of business March 4, 1984:

EPA \$ 2,400
TAT 31,500
USCG/AST 19,203
Prime Contractor 497,049
Contractor ceiling 580,000
Total 613,152

c) Weather: clear

II. ACTIONS TAKEN

a) Prime Contractor excavating Phase II area previously occupied by Shaner's parked vehicles.

b) TAT compiling file on all confrontations with property owner, Terry Shaner.

III. FUTURE PLANS

a) NEPCCO to be on scene Monday, March 5, 1984.

b) Prime Contractor to complete secondary drainage area Monday, March 5, 1984 with the delivery of more gravel.

c) Weather forecast tomorrow: rain

THOMAS I. MASSEY
SENIOR OSC REGION III


T. S. P. GLENN
JSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100575

POLREP 56

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., March 3, 1984)

a) Personnel on scene:

USCG/AST - 2
TAT - 1
Prime Contractor - 13

b) Estimated cost to date close of business this date:

EPA \$ 2,400
TAT 31,200
USCG/AST 18,492
Prime Contractor 485,458
Contractor ceiling 580,000
Total \$600,549.84

c) Weather: warm

II ACTIONS TAKEN

a) Contractor, USCG/AST, and TAT on scene 0720 hrs., to commence site operations. Site efforts concentrating on the installation of an additional drainage system in the Phase I drawing area.

b) R. Geiger (General Battery Consultant from Empire Wrecking Company) on scene 0930 hrs., to observe and talk with site personnel about site status.

c) Terry Shaner (property owner) on scene. Expressed approval to Weston Consultant regarding efforts made this date to improve drainage in Phase I area.

d) Pinkerton Security service on scene to begin security work.

III FUTURE PLANS

a) Prime Contractor to continue work on french drainage system and Phase II excavation.

b) Drainage system to be completed Monday March 5, 1984 with the delivery of gravel.

c) Favorable weather forecast for tomorrow, March 4, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III


T. S. P. GLENN
JSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100576

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., Tuesday, March 6, 1984)

a) Personnel on scene:

USCG/AST - 3
TAT - 1
PADER - 1
Prime Contractor - 11

b) Estimated cost to date close of business March 6, 1984:

EPA \$ 2,400
TAT 32,100
USCG/AST 20,039
Prime Contractor 514,386
Project total 631,925

Contractor Ceiling 580,000

c) 14 truckloads of gravel delivered this date for use on the driveway areas.

d) Weather: overcast, cold

ACTIONS TAKEN

a) Due to heavy rains yesterday March 5, 1984, the site was very muddy and generally in poor shape for excavation and grading. For cost effective reasons, the OSC representative decided to have the contractor work a half day, concentrating his work efforts on equipment and site maintenance.

b) CDC, Charles Walters, on scene this date for view update of site operations.

c) At 0900 hrs., Terry Shaner, property owner, hand delivered a memo to USCG/AST personnel regarding the incident when his truck was stuck in the driveway. He claims that the incident damaged his water pump and feels EPA should reimburse him for the cost of a new water pump. This letter is to be returned to Shaner for more detailed information relating to dates, costs etc.

d) Terry Shaner moved his tractors parked in the Phase II excavation area at the request of the OSC representative.

e) EPA, OSC, and Rich Zambito requested that the site cost tracking records be red-lined between March 1 and 2 for demarkation of when General Battery became liable for clean up costs. EPA presented a CERCLA 106 Order to the General Battery Co. on March 2, 1984.

f) Under advisement of the OSC, TAT contacted Susan Delparo, ERD HQ, concerning additional funding requests. Ms. Delparo advised TAT that this request was currently under review and that authority be expected within the next 6 days.

ARI00577

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., Monday, March 5, 1984)

a) Personnel on scene:

- USCG/AST - 3
- TAT - 1
- Prime Contractor - 12

b) Estimated cost to date close of business March 5, 1984:

EPA	\$ 2,400
TAT	31,800
USCG/AST	19,657
Prime Contractor	507,960
Contractor ceiling	580,000
Total	\$624,817

c) Weather: snow, rain

d) Funds for Prime Contractor to be exhausted by the weekend of March 10, 1984. Therefore, there exists an urgency for the additional funding approval.

II ACTIONS TAKEN

a) Weather conditions severely hampering work efforts.

b) Prime Contractor working on secondary drainage area and Phase II excavation.

c) At 1200 hrs., OSC representative halted work efforts in Phase II area due to inclement weather. Work crew reduced to 6 people for completion of drainage area.

d) DC1 Snyder on scene to replace Lt. S. P. Glenn this date as OSC representative USCG/AST.

e) George Savage (local resident) stopped by command post regarding inquiries to a letter he had received. Mark Selman, PADER, to follow up.

III FUTURE PLANS

a) Rains forecasted to continue into the night.

b) Prime Contractor to continue excavating and backfilling Phase II area.

c) CDC, Charles Walters to be on scene Tuesday, March 6, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III

S.P. Glenn
 LT. S. P. GLENN
 OSC REPRESENTATIVE
 USCG ATLANTIC STRIKE TEAM

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hrs., Wednesday, March 7, 1984)

a) Personnel on scene:

USCG/AST - 3
TAT - 2
RADER - 1
Prime Contractor - 13

b) USCG/AST DC1, Jim Snyder, replaced Lt. Phil Glenn as OSC representative.

c) Estimated Contractor costs close of business March 7, 1984: \$535,000. Contractor's current ceiling is 580K.

d) Contractor site work efforts concentrating on excavation and backfilling the Phase II area. It is estimated that more than 80% of the excavation of the battery casings has been completed in the Phase II area, with consolidation still continuing.

II ACTIONS TAKEN

a) The OSC representative has decided to expand the normal workday two additional hours in order to take advantage of the clear weather. Longer work days will commence on Thursday, March 8, 1984.

b) USCG/AST, OSC representatives Phil Glenn and Jim Snyder, presented site owner, Terry Shaner, with a letter requesting that all past and future requests, concerns and remarks be submitted in writing to the on-scene OSC representative. In turn, these communications from Mr. Shaner will also be replied to by the OSC representative in written form.

c) The OSC representatives again personally requested Mr. Terry Shaner (site owner) to move his trailers and miscellaneous items that are in the general vicinity of these trailers. Since January 30, 1984, Mr. Shaner has been verbally requested eleven times by the OSC representatives to move these pieces of equipment with still no action taken by Shaner.

d) Under the advisement of the EPA Attorney, Kermit Rader, if the OSC representative decides that all reasonable efforts have been made to have Mr. Shaner move his equipment, with no response, then the OSC representative should initiate a contractor to move these items.

e) TAT, Contractor, and special consultant took sample of a local clay type soil to General Testing Laboratory near Allentown, PA for permeability testing. If this material proves to meet the advised permeability specifications, use of this local soil could possible cost savings of 25% less than originally estimated clay area.

AR100579

III FUTURE PLANS

- a) Prime Contractor to continue excavation and backfilling Phase II area.
- b) Due to current inclement weather NEPCCO has post-poned the installation of perimeter monitoring wells to Monday, March 12, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III

DCI Snyder
DCI SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100580

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1700 hrs., March 8, 1984)

a) Personnel on scene:

USCG/AST - 2
PADER - 1
Prime Contractor - 13

b) Estimated costs close of business March 8, 1984:

USCG/AST 21,193.94
TAT 33,000.00
EPA 2,400.00
Prime Contractor 546,707.61
Current contractor ceiling is 580K.
Total funds remaining \$33,293.00

c) 56 loads backfill trucked in this date for Phase II area.

d) Weather: snow this afternoon into tomorrow morning. 4 - 6 inches expected.

ACTIONS TAKEN

a) OSC representative contacted Terry Shaner this date.

b) Due to heavily falling snow, OSC representative shut down site operations at 1530 hours.

c) On March 7, 1984 Mr. Shaner stated he would contact possible sources to move trailers and would get back with OSC representative on March 8, 1984 about the matter. On March 8, 1984 a registered letter was sent to Mr. Shaner concerning movement of trailers on site. 1000 hours March 12, 1984 was the time limit put on the letter to respond.

III FUTURE PLANS

a) OSC representative to determine if work is feasible on March 9, 1984 due to heavy snowfall.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100581

f) TAT continues to take subsurface soil samples prior to backfilling operations. These samples will be subsequently analyzed for total lead.

II FUTURE PLANS

- a) Site operations to commence at 0700 hrs., and finish at 1800 hours.
- b) OSC representative to contact Mr. Shaner in writing Thursday March 8, 1984 concerning trailers on site. If there is no response from Shaner within 48 hours, the OSC representative will initiate relocation efforts.
- c) Weather forecast for Thursday through Friday calls for 4-6 inches of snow.
- d) OSC representative to contact ERD HQ to increase Prime Contractor ceiling.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
SC REPRESENTATIVE
SCG ATLANTIC STRIKE TEAM

AR100582

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, March 12, 1984)

a) Personnel on scene:

USCG/AST - 2
PADER - 1
Prime Contractor - 13
Special Consultant - 1

b) Estimated costs close of business March 12, 1984:

EPA 2,700
TAT 33,000
USCG/AST 22,000
Prime Contractor 572,000
Contractor Ceiling is 750K.

c) 29 loads backfill trucked in this date.

d) Site operations ceased March 9, 1984 due to inclement weather. No operations March 9 through 11, 1984.

ACTIONS TAKEN

a) Karen Larsen, FEMA, contacted the OSC this date to find out job completion in order to move relocated families back into their homes. Best estimate at this time is approximately the middle of May. Karen Larsen to coordinate cost effectiveness of extended leases on temporary placing of residents in motels if lease extensions are not feasible.

b) OSC representative talked with property owner, Mr. Terry Shaner, about movement of trailers on his property. Mr. Shaner stated that he recommends Krauss Auto Service, Mertztown, PA to be the company to facilitate the movement of the trailers off Phase II area. Mr. Shaner stated he would like the trailers moved to another location instead of the designated area which was previously set aside for this purpose. OSC representative did a cost analysis to determine the feasibility of Mr. Shaner's request. OSC representative determined the cost to total 5K (man hours, equipment, gravel, etc). OSC representative relayed this information to OSC, Tom Massey, and OSC agreed to new location but not to gravel addition. Mr. Shaner and OSC representative agreed to the use of owner's railroad ties in lieu of gravel in new area. Mr. Shaner was again contacted and notified of the above changes and concurred.

c) At 1545 hrs., OSC requested urgent consideration EPA HQ, as to ceiling obligation. Funds are under existing contract. Prime Contractor might be required to shut down if necessary procurement authorization is not approved.

AR100583

SPECIAL BULLETIN M
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (0600 hrs., March 9, 1984)

OSC representative and Prime Contractor determined that work could not be performed due to heavy snow fall (6-8 inches) and subfreezing temperatures.

Other factors considered were as follows:

- 1) Unable to get backfill due to weather.
- 2) Conditions on highways would make unsafe passage for personnel accessing site.

Contractor will be put on stand-by until March 11, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III


JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100584

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

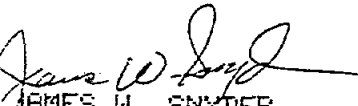
I SITUATION (1700 hours., March 13, 1984)

- a) No site operations this date due to 2-4 inches of snowfall and freezing rain making site unsafe and inaccessible to personnel and equipment.
- b) Krauss Auto on scene this date to assess moving of trailers out of Phase II area.
- c) EPA and General Battery in federal court this date to discuss the CERCLA 106 order.

II FUTURE PLANS

- a) Krauss Auto to commence movement of trailers on March 15, 1984.
- b) Site personnel to begin site operations on March 14, 1984 weather permitting.

MAS I. MASSEY
SENIOR OSC REGION III


JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100585

d) At 1620 hrs., official notification came from OSC, Tom Massey, that Prime Contractor ceiling was increased 170K from 580K to 750K.

e) Dennis Heck (Pavex, Inc, Camp Hill, PA) on scene this date as General Battery representative to determine cost of capping entire Phase II area.

II FUTURE PLANS

a) Weather: accumulation of snow (4-6 inches) expected early March 13, 1984.

b) Krauss Auto Parts to be on scene March 13, 1984 to look over the situation on moving the trailers and give cost estimates.

c) Special Consultant to be on scene March 15, 1984.

THOMAS I. MASSEY
SENIOR OSC, REGION III


JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

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AR100586

c) OSC awaiting information from EPA HQ concerning the one million/6 month CERCLA exemption and additional funding request.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100587

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, March 14, 1984)

- a) No site operations this date due to extremely wet ground conditions caused by melting snow. Operations expected to re-start March 15, 1984 at 0800 hours.
- b) Estimated Prime Contractor costs to date close of business March 14, 1984: \$582,722.01

II ACTIONS TAKEN

- a) Terry Shaner contacted the OSC this date concerning the boundary of the apron that will be constructed around his main truck facility that will support his cars and trucks.
- b) EPA enforcement personnel informed the OSC that General Battery, a suspect responsible party, has failed in Federal Court to persuade the Federal judge to revoke the 106 order requiring them to clean-up. In addition, General Battery failed to impose an injunction on EPA to prevent the 106 order.
- c) OSC representative, James Snyder, and TAT, Dave Wright, met with Terry Shaner at 1330 hours concerning those area's behind his main truck facility that he indicates are needed to park his trucks. The OSC representative showed Mr. Shaner where gravel would be placed (60 ft from rear of building) and indicated to Mr. Shaner he would investigate the final plans for disposition of the area to the rear of the building.
- d) OSC representative contacted Karen Larsen, FEMA, concerning extending the relocated resident's leases for one month to May 31 due to site operations being hampered and delayed mainly due to weather. Extension of the leases for one month appears to be the most cost effective alternative.
- Estimated additional cost:
- | | |
|-------------------------------|-----------|
| - 1 month extension of leases | \$2725.00 |
| - Hotel to May 15 | 5676.00 |
| - Hotel to May 21 | 7662.00 |

FEMA's current ceiling is 23K and if the 1 month lease extension option is chosen, FEMA's ceiling would have to be raised to approximately 26K. OSC will advise EPA HQ on this matter.

III FUTURE PLANS

- a) Due to two days lost this week because of weather, site will continue through this weekend.
- b) OSC awaiting word from Karen Larsen, FEMA, on the feasibility of extending the relocated residents leases for one month to May 31.

AR100588

III FUTURE PLANS

- a) Site operations to continue through this weekend due to two days lost this week.
- b) Krauss Auto Service expected to be on scene March 16, 1984 to begin movement of trailers in the Phae II area weather permitting.
- c) Backfilling to resume March 16, 1984 weather permitting.
- d) OSC currently awaiting final information from Karen Larsen, FEMA, on the status of the possibility of lease extensions:
 - One landlord is willing to extend the lease for one month.
 - One landlord has made commitment to rent apartment May 1, 1984 but will try to change commitment to June 1, 1984.
 - One landlord has not been able to be reached.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
G ATLANTIC STRIKE TEAM

AR100589

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1900 hours, March 15, 1984)

- a) Estimated Prime Contractor costs to date close of business March 14, 1984: 593K
- b) Unable to transport backfill this date due to poor conditions at the backfill borrow site.
- c) Approximately 90% of Phase II excavation has been completed to date.
- d) Temperatures in the 50's melting snow and site operations sloppy.

II ACTIONS TAKEN

- a) Krauss Auto Service on scene this date to assess the movement of trailers to designated areas.
- b) At 1500 hrs., Terry Shaner contacted the OSC representative to inform him a tractor was stuck on the driveway area closest to the Schuylkill River. The tractor driver had driven on the snow instead of the driveway to keep from getting mud on the tractor. The tractor was pulled out by BES equipment. Mr. Leibensperger had just painted the truck and informed the OSC representative he was not happy.
- c) Terry Shaner informed OSC representative that he was not happy with the amount of water on driveway. OSC representative explained that due to the amount of snow fall and rising temperatures, no area could drain that amount of water quickly.
- d) Heavy equipment concentrated this date on grading the landfill and fill compaction. Laborers concentrated on manual labor along the railroad.
- e) OSC representative contacted Karen Larsen, FEMA, this date. She indicated that she was still working on contacting the landlords of the three relocated residents concerning one month extensions on their leases. Karen Larsen will advise the OSC as soon as all the contacts are made.
- f) Special Consultant on scene this date to observe site operations.
- g) TAT obtained 4 composite soil samples this date.
- h) Clay permeability test results received this date. Data to follow.

AR100590

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, Friday, March 16, 1984)

a) Personnel on scene:

USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 14

b) Estimated cost to date close of business March 15, 1984:

EPA 3K
TAT 34K
USCG/AST 23K
Prime Contractor 593K
Prime Contractor ceiling 750K

c) Weather: cold, intermitant rain

d) 80 truckloads of fill (1200 cu yds) delivered this date.

e) 8484 cu yds of backfill delivered to date, Phase II area.

II ACTIONS TAKEN

a) At 1030 hours, Jim Snyder, OSC representative, Jerry Montgomery, USCG/AST, and Lynn Neveling, TAT, hand delivered to Shaner the letter from OSC regarding the decision not to use Shaner's land on Route 61 for the source of backfill.

b) General Battery has asked the Federal Judge to hear the case April 11, 1984 disputing the 106 order.

c) At 1100 hours, Krauss Auto on scene to move Shaner's trailers off Phase II excavation area.

d) At 1130 hours, Terry Shaner on scene attempting to direct subcontractor Krauss with request not in concurrence with Krauss/BES agreement. OSC representative informed Krauss that they are to follow orders given by BES exclusively. OSC representative had meeting between BES, Shaner and Krauss; situation resolved satisfactorily.

e) After this meeting, numerous problems arose regarding Shaner and the moving of the trailers. The following are some of the incidents:

1) Shaner told Krauss to move a 20 foot trailer from the Phase I area not discuss in previous agreement.

2) After this trailer was moved, Shaner wanted the trailer's contents returned to the Phase I area.

AR100591

3) As Krauss was moving the 40 foot trailer, Shaner instructed them to empty it of it's contents.

4) The OSC representative had a meeting with Shaner and Krauss and told Shaner that Krauss was to move the trailer, however, not empty it of it's contents. Minutes later, Shaner instructed Krauss to unload the trailer.

5) Then Mr. Shaner stated that he wanted to be present when the other 40 foot trailer was unloaded, however, he was going away for the weekend. OSC representative informed Shaner that Krauss is to work thru the weekend and asked of Shaner could have someone here to supervise operations on his behalf. Shaner agreed.

f) Prime Contractor continuing backfilling of Phase II area.

g) TAT collected final 2 samples from Phase II excavation area.

h) Mr. Strausser asked OSC representative if EPA could install drainage ditch (french drains) between his property and Mr. Shaner's property to alleviate water problems. OSC representative advised Mr. Strausser to contact OSC, Thomas Massey.

i) At 1615 hours., OSC representative contacted OSC regarding complications in moving trailers. OSC and OSC representative decided to move the trailer without emptying the contents. Shaner wanted to supervise the removal of it's contents tomorrow, March 17, 1984. The trailer was impeding the progress of the removal and had to be moved this weekend. A lock on the door prohibited the contractor from unloading the trailer.

II FUTURE PLANS

a) OSC representative has decided to work this weekend to take advantage of fair weather conditions.

b) Due to additions of scope of work for Krauss Auto to accomodate Shaner, Krauss did not complete work this date. Krauss to be on scene tomorrow, March 17, 1984.

c) NEPCCU to be on scene Wednesday, March 21, 1984, to install monitoring wells.

THOMAS I. MASSEY
SENIOR OSC REGION VII

James W. Snyder, U.S.C.G./AST
JAMES W. SNYDER
OSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100592

3) As Krauss was moving the 40 foot trailer, Shaner instructed them to empty it of it's contents.

4) The OSC representative had a meeting with Shaner and Krauss and told Shaner that Krauss was to move the trailer, however, not empty it of it's contents. Minutes later, Shaner instructed Krauss to unload the trailer.

5) Then Mr. Shaner stated that he wanted to be present when the other 40 foot trailer was unloaded, however, he was going away for the weekend. OSC representative informed Shaner that Krauss is to work thru the weekend and asked of Shaner could have someone here to supervise operations on his behalf. Shaner agreed.

f) Prime Contractor continuing backfilling of Phase II area.

g) TAT collected final 2 samples from Phase II excavation area.

h) Mr. Strausser asked OSC representative if EPA could install drainage ditch (french drains) between his property and Mr. Shaner's property to alleviate water problems. OSC representative advised Mr. Strausser to contact OSC, Thomas Massey.

i) At 1615 hours., OSC representative contacted OSC regarding complications in moving trailers. OSC and OSC representative decided to move the trailer without emptying the contents. Shaner wanted to supervise the removal of it's contents tomorrow, March 17, 1984. The trailer was impeding the progress of the removal and had to be moved this weekend. A lock on the door prohibited the contractor from unloading the trailer.

III FUTURE PLANS

a) OSC representative has decided to work this weekend to take advantage of fair weather conditions.

b) Due to additions of scope of work for Krauss Auto to accomodate Shaner, Krauss did not complete work this date. Krauss to be on scene tomorrow, March 17, 1984.

c) NEPCO to be on scene Wednesday, March 21, 1984, to install monitoring wells.

THOMAS I. MASSEY
SENIOR OSC REGION VII

James W. Snyder, U.S.C.G./AST
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100593

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, Friday, March 16, 1984)

a) Personnel on scene:

USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 14

b) Estimated cost to date close of business March 15, 1984:

EPA 3K
TAT 34K
USCG/AST 23K
Prime Contractor 593K
Prime Contractor ceiling 750K

c) Weather: cold, intermitant rain

d) 80 truckloads of fill (1200 cu yds) delivered this date.

e) 8484 cu yds of backfill delivered to date, Phase II area.

II ACTIONS TAKEN

a) At 1030 hours, Jim Snyder, OSC representative, Jerry Montgomery, USCG/AST, and Lynn Neveling, TAT, hand delivered to Shaner the letter from OSC regarding the decision not to use Shaner's land on Route 61 for the source of backfill.

b) General Battery has asked the Federal Judge to hear the case April 11, 1984 disputing the 106 order.

c) At 1100 hours, Krauss Auto on scene to move Shaner's trailers off Phase II excavation area.

d) At 1130 hours, Terry Shaner on scene attempting to direct subcontractor Krauss with request not in concurrence with Krauss/BES agreement. OSC representative informed Krauss that they are to follow orders given by BES exclusively. OSC representative had meeting between BES, Shaner and Krauss; situation resolved satisfactorily.

e) After this meeting, numerous problems arose regarding Shaner and the moving of the trailers. The following are some of the incidents:

1) Shaner told Krauss to move a 20 foot trailer from the Phase I area not discuss in previous agreement.

2) After this trailer was moved, Shaner wanted the trailer's contents returned to the Phase I area.

3) As Krauss was moving the 40 foot trailer, Shaner instructed them to empty it of it's contents.

4) The OSC representative had a meeting with Shaner and Krauss and told Shaner that Krauss was to move the trailer, however, not empty it of it's contents. Minutes later, Shaner instructed Krauss to unload the trailer.

5) Then Mr. Shaner stated that he wanted to be present when the other 40 foot trailer was unloaded, however, he was going away for the weekend. OSC representative informed Shaner that Krauss is to work thru the weekend and asked of Shaner could have someone here to supervise operations on his behalf. Shaner agreed.

f) Prime Contractor continuing backfilling of Phase II area.

g) TAT collected final 2 samples from Phase II excavation area.

h) Mr. Strausser asked OSC representative if EPA could install drainage ditch (french drains) between his property and Mr. Shaner's property to alleviate water problems. OSC representative advised Mr. Strausser to contact OSC, Thomas Massey.

i) At 1615 hours., OSC representative contacted OSC regarding complications in moving trailers. OSC and OSC representative decided to move the trailer without emptying the contents. Shaner wanted to supervise the removal of it's contents tomorrow, March 17, 1984. The trailer was impeding the progress of the removal and had to be moved this weekend. A lock on the door prohibited the contractor from unloading the trailer.

III FUTURE PLANS

a) OSC representative has decided to work this weekend to take advantage of fair weather conditions.

b) Due to additions of scope of work for Krauss Auto to accomodate Shaner, Krauss did not complete work this date. Krauss to be on scene tomorrow, March 17, 1984.

c) NEPCOD to be on scene Wednesday, March 21, 1984, to install monitoring wells.

THOMAS I. MASSEY
SENIOR OSC REGION VII

James W. Snyder, U.S.C.G./AST
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100595

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, Friday, March 16, 1984)

a) Personnel on scene:

USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 14

b) Estimated cost to date close of business March 15, 1984:

EPA 3K
TAT 34K
USCG/AST 23K
Prime Contractor 593K
Prime Contractor ceiling 750K

c) Weather: cold, intermitant rain

d) 80 truckloads of fill (1200 cu yds) delivered this date.

e) 8484 cu yds of backfill delivered to date, Phase II area.

II ACTIONS TAKEN

a) At 1030 hours, Jim Snyder, OSC representative, Jerry Montgomery, USCG/AST, and Lynn Neveling, TAT, hand delivered to Shaner the letter from OSC regarding the decision not to use Shaner's land on Route 61 for the source of backfill.

b) General Battery has asked the Federal Judge to hear the case April 11, 1984 disputing the 106 order.

c) At 1100 hours, Krauss Auto on scene to move Shaner's trailers off Phase II excavation area.

d) At 1130 hours, Terry Shaner on scene attempting to direct subcontractor Krauss with request not in concurrence with Krauss/BES agreement. OSC representative informed Krauss that they are to follow orders given by BES exclusively. OSC representative had meeting between BES, Shaner and Krauss; situation resolved satisfactorily.

e) After this meeting, numerous problems arose regarding Shaner and the moving of the trailers. The following are some of the incidents:

1) Shaner told Krauss to move a 20 foot trailer from the Phase I area not discuss in previous agreement.

2) After this trailer was moved, Shaner wanted the trailer's contents returned to the Phase I area.

AR100596

3) As Krauss was moving the 40 foot trailer, Shaner instructed them to empty it of it's contents.

4) The OSC representative had a meeting with Shaner and Krauss and told Shaner that Krauss was to move the trailer, however, not empty it of it's contents. Minutes later, Shaner instructed Krauss to unload the trailer.

5) Then Mr. Shaner stated that he wanted to be present when the other 40 foot trailer was unloaded, however, he was going away for the weekend. OSC representative informed Shaner that Krauss is to work thru the weekend and asked of Shaner could have someone here to supervise operations on his behalf. Shaner agreed.

f) Prime Contractor continuing backfilling of Phase II area.

g) TAT collected final 2 samples from Phase II excavation area.

h) Mr. Strausser asked OSC representative if EPA could install drainage ditch (french drains) between his property and Mr. Shaner's property to alleviate water problems. OSC representative advised Mr. Strausser to contact OSC, Thomas Massey.

i) At 1615 hours., OSC representative contacted OSC regarding complications in moving trailers. OSC and OSC representative decided to move the trailer without emptying the contents. Shaner wanted to supervise the removal of it's contents tomorrow, March 17, 1984. The trailer was impeding the progress of the removal and had to be moved this weekend. A lock on the door prohibited the contractor from unloading the trailer.

III FUTURE PLANS

a) OSC representative has decided to work this weekend to take advantage of fair weather conditions.

b) Due to additions of scope of work for Krauss Auto to accomodate Shaner, Krauss did not complete work this date. Krauss to be on scene tomorrow, March 17, 1984.

c) NEPCCO to be on scene Wednesday, March 21, 1984, to install monitoring wells.

THOMAS I. MASSEY
SENIOR OSC REGION VII

James W. Snyder, U.S.C.G./AST
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100597

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, Friday, March 16, 1984)

a) Personnel on scene:

USCG/AST - 2
TAT - 1
PADER - 1
Prime Contractor - 14

b) Estimated cost to date close of business March 15, 1984:

EPA 3K
TAT 34K
USCG/AST 23K
Prime Contractor 593K
Prime Contractor ceiling 750K

c) Weather: cold, intermitant rain

d) 80 truckloads of fill (1200 cu yds) delivered this date.

e) 8484 cu yds of backfill delivered to date, Phase II area.

II ACTIONS TAKEN

a) At 1030 hours, Jim Snyder, OSC representative, Jerry Montgomery, USCG/AST, and Lynn Neveling, TAT, hand delivered to Shaner the letter from OSC regarding the decision not to use Shaner's land on Route 61 for the source of backfill.

b) General Battery has asked the Federal Judge to hear the case April 11, 1984 disputing the 106 order.

c) At 1100 hours, Krauss Auto on scene to move Shaner's trailers off Phase II excavation area.

d) At 1130 hours, Terry Shaner on scene attempting to direct subcontractor Krauss with request not in concurrence with Krauss/BES agreement. OSC representative informed Krauss that they are to follow orders given by BES exclusively. OSC representative had meeting between BES, Shaner and Krauss; situation resolved satisfactorily.

e) After this meeting, numerous problems arose regarding Shaner and the moving of the trailers. The following are some of the incidents:

1) Shaner told Krauss to move a 20 foot trailer from the Phase I area not discuss in previous agreement.

2) After this trailer was moved, Shaner wanted the trailer's contents returned to the Phase I area.

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1730 hours, March 19, 1984)

- A. Personnel on scene:
- | | |
|------------------|------|
| USCG/AST | - 2 |
| TAT | - 1 |
| Prime Contractor | - 12 |
- B. Estimated costs to date close of business March 18, 1984:
- | | |
|---------------------------------------|------|
| Prime Contractor | 627K |
| TAT | 35K |
| ERT | 40K |
| FEMA | 23K |
| USCG/AST | 24K |
| EPA | 3K |
| TOTAL Estimated Project cost to date: | 752K |
- C. Estimated 1035 cu yds backfill trucked in this date.
- D. Estimated 9714 cu yds backfill trucked in to date.
- E. Light drizzle falling. Temperatures in the upper 40's - low 50's.

II ACTIONS TAKEN

- A. Today's operations concentrated on backfilling and shaping of the disposal area. Some minor work was performed in the Phase I area to correct the site drainage.
- B. OSC requested by EPA Attorney, Kermit Rader, to provide a list of personnel directly involved with site activities. The principle parties that could be available for the proposed federal court hearing on April 11 are:
- Thomas I. Massey: Senior On-Scene Coordinator, Project Coordinator authorized person responsible for overall clean up operation and coordination.
- Phil Glenn: USCG/AST, Elizabeth City, NC, OSC representative
- Jim Snyder: USCG/AST, Elizabeth City, NC, OSC representative
- Mark Selman: RADER, authorized state representative to participate in federal removal activities.
- George Prince: EPA, Environmental Response Team (ERT) representative. Developed and coordinated scientific community for extent of contamination and recovery of feasibility study.

POLREP 68

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hrs., Sunday, March 18, 1984)

- A. Estimated Prime Contractor costs to date close of business March 17, 1984: 618K
- B. No backfill trucked in this date.
- C. Weather: cloudy and cool, temperatures 40-45 degrees farenheit.
- D. Special Consultant, Cal Kendig, on scene 0900 hours.
- E. Personnel on scene:
 - USCG/AST - 2
 - TAT - 1
 - Prime Contractor - 11
- F. Phase II area excavation 97% complete this date.

II ACTIONS TAKEN

- A. Site operations this date concentrated on the following:
 - Surveying of drainage area
 - Surveying of the disposal area
 - Grading and sloping of the disposal area
 - Minor excavation
- B. At approximately 0745 hours when BES personnel arrived at the command post, Pinkerton's Security Service personnel had left the site without proper relief. The keys had been locked in the command post and entry had to be forced.
- C. Meeting held this evening at 1930 hrs with USCG/AST (J. Snyder, J. Montgomery), TAT (Dave Wright), and BES (Richard Baranowski) to discuss site operations.

III FUTURE PLANS

- A. OSC representative to contact Karen Larsen, FEMA, to inquire about the status of the relocated residents' leases.
- B. NEPCCO (well driller) expected to be on scene March 21, 1984 to install 3 monitoring wells.
- C. USCG/AST and TAT to develop cost projection on when current funds will expire.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100600

011 CIVIL

BROWN'S BATTERY BREAKING SITE
DEEDS TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1800 hours, March 20, 1984)

- A. Personnel on scene:
USCG/AST - 2
TAT - 1
Prime Contractor - 11
- B. Estimated Prime Contractor cost to date close of business March 20, 1984: 652K
Contractor ceiling is 750K.
- C. Temperatures in the 60's. Wind calm.

II ACTIONS TAKEN

- A. OSC requested Charles Walters (CDC) to advise the Prime Contractor on scene of the requirements and methodologies for the rehabilitation of the three residences.
- B. At 1025 hours Mr. Shaner contacted the OSC representative to express his dissatisfaction with the moving of the trailers.
- C. OSC, Thomas Massey, informed USCG/AST, Jim Snyder, TAT, David Wright, and Prime Contractor, Richard Baranowski, to go ahead with obtaining clay from the site in Nanticoke, PA (near Wilkes-Barre). Permeability of the clay for the cap done by ASTM method is 4.61×10^{-7} .
- D. Operations this date concentrated on grading of the disposal area, backfilling of the perimeter areas and compaction of the disposal area.
- E. JCB backhoe not in operation this date.
- F. TAT, David Wright, contacted Tim Stone (IT Corporation) concerning the clay cap over the disposal area.
- G. USCG/AST, TAT, Prime Contractor personnel observed an individual walking the property with Terry Shaner. Individual appeared to be taking photographs.
- H. TAT, David Wright, took 2 composite soil samples this date for shipment to Penn State University for nutrient analysis and fertilization/mulching recommendations.
- I. At 1630 hours Karen Larsen, FEMA, contacted the OSC representative and informed him that all three landlords have agreed to a one month extension of the relocated residents leases. Karen Larsen informed the OSC representative that 3K would be needed for this in addition to the 23K already allocated. Estimated total would then become 26K.
- J. Prime Contractor requested that an additional piece of equipment (550 Dozer) be brought on scene in the near future. Additional equipment will be used for spreading of topsoil and grading of the disposal area. OSC representative contacted the OSC and he concurred in the matter.

AR100601

David Wright: Roy F. Weston, Inc., Technical Assistance Team, Development of Original 10 point document, funding request, on site monitoring of contract performance, technical expertise as required.

Cal Kendig: Special Consultant from Weston to advise OSC on construction activities of site clean up

BES: Rich Baranowski, Prime Contractor responsible for actual construction of federal activities

- C. OSC requires PADER to locate a source of clay for capping the site.
- D. OSC representative contacted Karen Larsen, FEMA, at 1200 hours. Karen Larsen indicated two of three landlords have tentatively agreed to a possible lease extension of one month.
- E. PADER, Mark Selman, and TAT, Dave Wright, visited possible local clay course this date.
- F. Soil samples to be taken of backfill to determine desirable hydroseed mixtures. Samples to be sent to Penn State University. PADER to coordinate.

III FUTURE PLANS

- A. Tentative meeting scheduled in Reading, PA on March 22, 1984 at 2000 hours to discuss final site plans. Those to tentatively be in attendance:
 Thomas Massey, OSC
 James Snyder, OSC representative
 Mark Selman, PADER
 David Wright, TAT
 George Prince, ERT
 Cal Kendig, Special Consultant
 Richard Baranowski, BES
 Jerry Montgomery, USCG/AST
- B. NEPCCO expected to be on scene March 21, 1984 to begin installation of three groundwater monitoring wells.
- C. Backfilling to continue on March 20, 1984.
- D. Rain expected March 20, 1984 in the evening. Temperatures tomorrow to reach 60 degrees.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
USCC ATLANTIC STRIKE TEAM

POLREP 71
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, Wednesday, March 21, 1984)

- A. Site operations ceased at 1000 hours this date due to heavy rains and lightning. OSC representative informed the OSC of this matter.
- B. Special Consultant, Cal Kendig, on scene this date.
- C. Estimated Prime Contractor costs to date close of business March 20, 1984: 652K

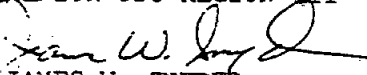
II ACTIONS TAKEN

- A. OSC representative contacted the OSC at approximately 1245 hours and informed him that all three landlords of the relocated residents are agreeable to a one month lease extension.
- B. At approximately 1300 hours, the OSC representative contacted EPA/ERD and informed ERD that an additional 3K is needed for FEMA (lease extensions).
- C. At 1430 hours, TAT, David Wright, contacted George Prince, EPA/ERD, concerning the clay cap to be placed on the disposal area. TAT advised Mr. Prince of current plans and received his concurrence on using the Wilkes-Barre source of clay (4.61×10 to the minus 7 permeability).

III FUTURE PLANS

- A. At current rate of expenditures, Prime Contractor funds will expire on or around March 27, 1984.
- B. NEPCCO to be on scene 1100 hours, March 22, 1984.
- C. OSC expected to be on scene March 22, 1984.
- D. EPA/ERD (Bev Dishner or Susan Delparo) to contact the OSC concerning additional monies for FEMA.
- E. OSC awaiting decision on the 6 month/million dollar exemption and additional funding request.
- F. Site operations meeting to be held 2000 hours, March 22, 1984 at the Sheraton Inn in Reading, PA.

THOMAS I. MASSEY
SENIOR OSC REGION III


JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100603

III FUTURE PLANS

- A. NEPCCO will not be on scene March 21, 1984. Will be on scene 1100 hours March 22, 1984.
- B. OSC, Thomas Massey, expected on scene March 22, 1984.
- C. USCG/AST, TAT have decided that it would not be advisable to allow residents to rehabilitate their homes on site until major heavy equipment use is completed. Safety of the residents and the generation of dust, etc, are the main reasons. OSC representative will advise the OSC of the recommendations and will also inform the OSC that requesting the 3K in additional monies should be indicated.
- D. Heavy rains expected tomorrow, possible snow towards evening.
- E. Special Consultant to be on scene March 21, 1984.
- F. Current contractor funds expected to run out March 27, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100604

SPECIAL BULLETIN N
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2200 hours, March 22, 1984)

At 2000 hours, on March 22, 1984 a site operations meeting was held at the Sheraton Berkshire Inn. Those in attendance:

Thomas Massey, Senior On Scene Coordinator, EPA Region III
James Snyder, USCG/AST
Jerry Montgomery, USCG/AST
Robert Caron, Deputy OSC
David Wright, TAT
Cal Kendig, Roy F. Weston, Inc.
Richard Baranowski, BEs
Bo Kostuick, BES
Linda Fratz, BES
Mark Selman, PADER
Charles Walters, CDC

The following issues were discussed and final decisions were made by the OSC (Thomas Massey).

- 1) Truck Parking Area (area in Phase II past the 60 ft gravel limit - topsoil/mulching/hydroseeding or gravel)
DECISION MADE BY THE OSC WITH GROUP CONSENSUS: Mulching and hydroseeding
- 2) Fence Issue (partial or complete fence)
DECISION MADE BY THE OSC WITH GROUP CONSENSUS: Complete fence
- 3) Restoration - Restoration of Disposal area perimeter (topsoil/mulching/hydroseeding or mulching and hydroseeding only)
DECISION MADE BY THE OSC WITH GROUP CONSENSUS: Mulching and hydroseeding
- 4) Slope of the top of the approximately 250 x 500 ft disposal area (1% or 2%)
DECISION MADE BY THE OSC WITH GROUP CONSENSUS: 2% -3%
- 5) Seal of approval on final inspection of dwellings and acceptance before rehabilitation (CDC, County/State or TAT).
DECISION MADE BY THE OSC WITH GROUP CONSENSUS: The OSC
- 6) Clay Capping Issue (local or Wilkes-Barre source).
DECISION MADE BY THE OSC WITH GROUP CONSENSUS: Wilkes-Barre Source

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100605

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (2200 hours, March 22, 1984)

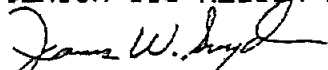
- A) Estimated Prime Contractor costs to date close of business March 21, 1984: 658K. Contractor ceiling is 750K.
- B) Subcontractor (E.S. Savage) had a dump truck snap in half due to metal fatigue at 0800 hours.
- C) Special Consultant, Cal Kendig, on scene this date.
- D) NEPCCO on scene 1000 hours to install ground water monitoring wells.

II ACTIONS TAKEN

- A) Three ground water monitoring wells installed this date. NEPCCO on scene 1000 hours to 1530 hours. Average depth to bedrock 11-14 feet.
- B) Operation this date concentrated on grading of the mound, minor backfilling, and installation of three ground water monitoring wells.
- C) Susan Delparo, EPA/ERD, informed the OSC that the 6 month/million dollar exemption and the additional funding request was approved by the RA, Lee Thomas, this date.
- D) Site operations meeting held this date at 2000 hours at the Sheraton Berkshire Inn in Reading, PA. Those organizations present: EPA, USCG/AST, CDC, TAT, BES, Weston. (For details, names and content of the meeting, see Special Bulletin N)

III FUTURE PLANS

- A) OSC awaiting guidance from EPA-ERD, Susan Delparo, on how the additional 3K for FEMA will be obtained (lease extensions).
- B) OSC awaiting DCN number for the additional funds approved on this date.
- C) TAT to coordinate sampling of the ground water monitoring wells.
- D) Deputy OSC, Bob Caron, on scene to assume OSC representative duties through March 25, 1984.
- E) Jack Downie, OSC, expected to be on scene March 27, 1984.
- F) Prime Contractor ceiling increase anticipated to be needed early next week.

THOMAS I. MASSEY
SENIOR OSC REGION III
JAMES W. SNYDER
OSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

AR100606

E) CDC provided residential decon recommendations to contractor.

II FUTURE PLANS

A) Deputy OSC, Bob Caron, due to depart scene March 25, 1984 for other duties.

B) Jack Downie, OSC, expected to be on scene March 27, 1984.

C) USCG/AST and TAT to develop a work and cost projection schedule for the remaining site activities by March 25, 1984.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
SC REPRESENTATIVE
SCG ATLANTIC STRIKE TEAM

AR100607

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (2200 hours, March 23, 1984)

- A) At 0800 hours, Bob Caron (EPA) assumed duties of OSC representative.
- B) OSC and CDC on scene this date to assess site operations and conditions.
- C) As of January 9, 1984, 15 days of site operations have been halted due to inclement weather, property owner ceasing operations, awaiting ceiling increases. This time does not include days after these problems that caused a slow down in work (equipment getting stuck in mud, Prime Contractor demobilization/remobilization). The above data translated into a 19.7% of time lost.
- D) Special Consultant, Cal Kendig, on scene this date.
- E) OSC received verbal approval for ceiling increase of 353K. Below is a cost breakdown:
- | | |
|-------------------------------|---------|
| Prime Contractor | 268,000 |
| Extramural - other than Prime | 75,600 |
| Intramural | 10,000 |
| TOTAL | 353,600 |
- F) Personnel on scene:
- | | |
|------------|-----|
| EPA | - 1 |
| USCG/RST | - 1 |
| TAT | - 1 |
| Contractor | - 8 |
- G) Contractor costs to date as of close of business March 22, 1984: 669K
- H) Weather forecast for March 26, 1984 indicates possible rain/snow flurries in late afternoon and early evening hours.

II ACTIONS TAKEN

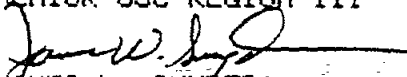
- A) OSC was informed on March 22, 1984 that the 3K for FEMA will be budgeted out of extramural funds.
- B) FEMA, Karen Larsen, notified this date at 1520 hours that additional 3K is now available for the one month lease extensions (to May 31, 1984). New FEMA ceiling is now 26K.
- C) Operations this date concentrated on backfilling the perimeter around mound and hand excavating around auto shop.
- D) As of this date:
- 1) 95% excavation completed of all contaminated wastes
 - 2) Mound is 30% complete

AR100608

III FUTURE PLANS

- A) OSC, Jack Downie, expected on scene Tuesday, March 27, 1984.
- B) Clay trucking and capping to commence March 26, 1984 at 0800 hours, weather permitting.
- C) USCG/AST, James Snyder, to depart site on March 26, 1984. USCG/AST, Jerry Montgomery, to arrive on scene March 28, 1984. USCG/AST to serve as site safety officer and documentation officer.
- D) Topsoil expected to begin arriving on March 26, 1984, weather permitting.

HOMAS I. MASSEY
SENIOR OSC REGION III


JAMES W. SNYDER
SC REPRESENTATIVE
SCG ATLANTIC STRIKE TEAM

AR100609

BROWN'S BATTERY BREAKING SITE
 TILDEN TOWNSHIP
 BERKS COUNTY, PA

SITUATION (1800 hours, March 25, 1984)

- A) This Polrep includes activities for March 24 and 25, 1984 (Saturday and Sunday).
- B) Estimated 1215 cu yds of backfill trucked in on March 24, 1984.
- C) Estimated 12,870 cu yds of backfill trucked in to date, March 24, 1984.
- D) Estimated 1110 cu yds of backfill trucked in on March 25, 1984.
- E) Estimated 13,890 cu yds of backfill trucked in to date, March 25, 1984.
- F) Weather check at 0830 hours on March 24 indicated rain/snow flurries possible late afternoon/evening for the day.
- G) Estimated Prime Contractor costs to date close of business March 25, 1984: 712K. Contractor ceiling is 750K.

H) Personnel on scene:

<u>March 24, 1984</u>	<u>March 25, 1984</u>
EPA - 1	EPA - 1
TAT - 1	TAT - 1
USCG/AST - 1	USCG/AST - 1
Contractor - 9	Contractor - 12

I ACTIONS TAKEN

- A) Contractor's 550 Dozer on scene at 0930 hours, March 24, 1984. Contractor's 977 departed the site 1000 hours, March 24, 1984.
- B) Leveling of phase I area for topsoil commenced March 24, 1984.
- C) Backfilling of disposal perimeter continued March 24 and 25, 1984. Backfilling at Phase II area 95% complete.
- D) Excavation around the auto body shop continues. This excavation being performed using hand tools to avoid any potential damage to the building from heavy equipment use. Excavation around the autoshop is approximately 60% complete.
- E) Deputy USC, Bob Caron, and TAT, Jay Motwani, preparing (per USC request) evaluation and projections on costs/progress now that major site issues have been clarified per Special Bulletin H.

One Phase II area.

- F) Hand spreading of topsoil around the autobody shop was started this date.
- G) No clay this date due to weather related problems at the clay borrow site.

III FUTURE PLANS

- A) Jack Downie, OSC, expected on scene March 27, 1984.
- B) Clay expected to begin arriving March 27, 1984, weather permitting.
- C) Rain expected March 27, 1984 in the evening.

THOMAS I. MASSEY
SENIOR OSC REGION III

James W. Snyder
JAMES W. SNYDER
OSC REPRESENTATIVE
JSCG ATLANTIC STRIKE TEAM

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hours, March 26, 1984).

- A) No backfill trucked in this date. At this point it is projected that no more backfill will be trucked in to cover excavated areas.
- B) Estimated 780 cu yds of topsoil trucked in this date.
- C) Estimated 780 cu yds of topsoil trucked in to date.
- D) Estimated Prime Contractor costs to date close of business March 25, 1984: 711K.
- E) Total estimated project costs to date close of business:
- | | |
|------------------|---------|
| Prime Contractor | 711,000 |
| TAT | 37,000 |
| ERT/IT | 40,000 |
| FEMA | 23,000 |
| USCG/AST | 26,000 |
| EPA | 5,000 |
| TOTAL | 842,000 |
- F) Personnel on scene:
- | | |
|------------|------|
| USCG/AST | - 1 |
| TAT | - 2 |
| Contractor | - 12 |
| Total | - 15 |
- G) Today's weather: clear, mild, temperatures in the 40's.

ACTIONS TAKEN

- A) Trucking and spreading of topsoil commenced this date (Phase I).
- B) Terry Shaner contacted the OSC representative at 1430 hours and 1515 hours and once again was not happy with his driveway and the area around his building. OSC representative informed the OSC of this matter. Mr. Shaner wanted to speak with the OSC (Tom Massey).
- C) Deputy Project Officer, Tom Massey, informed on-site personnel that no additional TAT support can be supplied on scene in order to develop the necessary sampling of the completed wells on site. This is due to the extremely high level of activity and commitments of TAT resources at other sites and projects underway. DPO has requested HQ assistance and guidance concerning this predicament on shortage of technical expertise.
- D) Project site operations have been reduced to only one TAT.
- E) Shaping and grading of the disposal area was the primary activity in

- E) At 1100 hours, OSC representative informed (BES) Rich Baranowski and Bo Kostuick to stop work around the autobody shop per the OSC's advisement until Mr. Shaner and Tom Massey discuss the situation on April 5, 1984.
- F) Activities this date concentrated on grading of the disposal area and perimeter of topsoil (Phase I) and hand labor in the Phase I area.
- G) General Battery representative, Byron Bradd, on scene approximately 0900 hours this date photographing and requesting information on site activities.

II FUTURE PLANS

- A) Clay to begin arriving on site March 20, 1984 weather permitting.
- B) Extended weather forecast: rain this evening into Thursday, March 29, 1984; may change to snow.
- C) USCG/AST, Jim Snyder, to depart the site March 28, 1984. USCG/AST, Jerry Montgomery, to assume site safety and documentation.
- D) OSC, Tom Massey, to prepare additional funding request memo as soon as possible. Current contractor monies projected to expire on or around April 11, 1984.
- E) Preliminary federal court hearing tentatively scheduled for March 29, 1984.

Jack Downie
JACK DOWNIE
ON SCENE COORDINATOR
EPA REGION III

AR100613

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hours, March 27, 1984)

- A) Total estimated project costs to date close of business March 26, 1984:
- | | |
|------------------|------|
| Prime Contractor | 727K |
| USCG/AST | 26K |
| TAT | 38K |
| ERT/IT | 40K |
| FEMA | 23K |
| EPA | 5K |
| TOTAL | 859K |
- B) Estimated 390 cu yds of topsoil trucked in this date (Phase I).
- C) Estimated 1170 cu yds of topsoil trucked in to date (Phase I).
- D) No clay this date due to weather related problems at the clay borrow site.
- E) Jack Downie, OSC, on scene this date at 1400 hours to assume on site activities.
- F) Weather today: Clear, mild, 40's.

I ACTIONS TAKEN

- A) OSC, Thomas Massey, requested that EPA-ERD, Susan Delparo, raised the ceiling of the Prime Contractor (BES) from 750K to 1,078,000 an increase of 328K. The 1,078,000 ceiling is now the total amount available to the Prime Contractor contract.
- B) OSC prepared and transmitted Special Bulletin 0 to EPA Headquarters this date which describes in detail the need for an additional 191K to complete control and stabilization activities at the site.
- | | |
|------------------|------|
| Prime Contractor | 131K |
| USCG/AST | 60K |
| TOTAL | 191K |
- Bulletin was prepared per the advisement of EPA-ERD, Susan Delparo.
- C) At approximately 1030 hours, this date, Rick Strausser (relocated resident) stopped by the command post to inform on site personnel of his concerns about work being done around his house. USCG/AST, Jim Snyder, advised Tom Massey of the situation.
- D) At approximately 1105 hours, TAT, David Wright, and USCG/AST, Jim Snyder, hand delivered the letter (from Kermit Rader) to Terry Shaner concerning General Battery access.

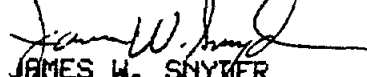
AR100614

D. EPA Headquarters (Susan Delparo) advised OSC to submit POLREPs identifying the situation on scene followed by a short memo from the Regional Administrator to Lee Thomas officially requesting increase.

FUTURE PLANS

OSC to finalize Regional Administrator's required memo to Lee Thomas.

THOMAS I. MASSEY
SENIOR OSC REGION III


JAMES W. SNYDER
OSC REPRESENTATIVE
USCG ATLANTIC STRIKE TEAM

AR100615

SPECIAL BULLETIN 0
 BROWN'S BATTERY BREAKING SITE
 TILDEN TOWNSHIP
 BERKS COUNTY, PA

SITUATION (March 27, 1984)

- February 22, 1984 - Cost projections were formulated for completion of removal activities.
- March 2, 1984 - Regional Administrator signed and submitted funding request to ERD, EPA Headquarters.
- March 22, 1984 - OSC received verbal approval of funding increase and time extension of six months.
- Between February 22, 1984 and March 27, 1984 (34 days) unanticipated and unforeseen activities have resulted in additional costs over the present 1.252 authorized project.

- 1) Weather - Ice, snow and rain caused nine days where no or little work could be performed. Contractor and stand-by costs: 57K
This does not include support element down-time of Coast Guard and TAT personnel.
- 2) Property owner, Terry Shaner - Due to shut downs and threats, the federal clean-up crews had to perform for Mr. Shaner (moving his trailers, etc). Additional cost: 19K
- 3) Drainage system - Constructed and installed in front portion of site since ponded water created excavation and backfilling problems.
Approximate cost: 30K
- 4) IT Study of Extent of Contamination estimated 8,000 cu yds of material to be excavated. To date, actual excavation has been approximately 13,000 cu yds. Approximately 50K extra was required to remove the unanticipated additional contamination.

Cost break down as follows:

PROJECT CEILING 1.252

Project ceiling obligations:

Extramural		Intramural	
BES	1.078K	EPA/ERT	35K
IT	40K		
TAT/USCG	73K		
FEMA	26K		
TOTAL	1.217K		

Funds needed to continue original control and stabilization activities:

BES	131K
TAT/USCG	60K
TOTAL	191K

AR100616

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hours, March 28, 1984)

- A) BES, Rich Baranowski, informed OSC, Jack Downie, that a truck at the clay borrow site flipped over when a road gave way. Therefore, clay was unable to be transported this date due to roadway blockage.
- B) No topsoil trucked in this date.
- C) Heavy rains hampering site operations.
- D) Personnel on scene:

EPA	- 1
AST	- 1
TAT	- 1
BES	- 12
- E) Estimated costs to date close of business March 27, 1984:

EPA	5,400
TAT	38,400
USCG/AST	27,000
BES	744,000

ACTIONS TAKEN

- A) BM2 Montgomery relieved DC1 as site safety officer. DC1 Snyder returning to AST this date.
- B) Seven Contractor personnel were called to another response at Revere Chemical. De-con trailer was also taken. Replacement personnel were brought to the site.

I FUTURE PLANS

- A) Cold, rainy weather expected to continue through the week. Some snow expected for March 29, 1984.
- B) Clay to tentatively be here March 29, 1984.

Jack Downie
 CK DOWNIE
 SCENE COORDINATOR
 EPA REGION III

EPAOHM PHA

SPILLSEPA WSH

SUBJECT: CEILING INCREASE REQUEST AND SIX MONTH/\$1 MILLION
EXEMPTIONS REQUEST FOR BROWN'S BATTERY BREAKING
SITE, TILDEN TOWNSHIP, PA

FROM: H.D. VAN CLEAVE, ACTING DIRECTOR
EMERGENCY RESPONSE DIVISION (WH-548-B)

TO: THOMAS MASSEY, OSC
REGION III

DATE: MARCH 27, 1984

THIS MEMORANDUM CONFIRMS THE DEPUTY ASSISTANT ADMINISTRATOR, OSWER'S, APPROVAL ON MARCH 22, 1984, OF THE CEILING INCREASE OF \$354,000 AND THE SIX MONTH/\$1 MILLION EXEMPTION REQUESTS. THIS INCREASE RAISES YOUR TOTAL PROJECT CEILING TO \$1,252,000, OF WHICH \$1,078,000 IS FOR EXTRAMURAL CLEANUP CONTRACTOR EXPENDITURES. THE BREAKDOWN OF THE CEILING INCREASE IS AS FOLLOWS:

EXTRAMURAL CLEANUP CONTRACTOR	\$268,000
TAT, USCG, OTHER EXTRAMURAL	76,000
INTRAMURAL (EPA PERSONNEL)	10,000

TOTAL CEILING INCREASE	\$354,000
------------------------	-----------

NOTE THAT THE RECENT INCREASE IN THE INTERAGENCY AGREEMENT TO FEMA FOR \$3,000 TO CONTINUE TEMPORARY RELOCATION IS BEING DEDUCTED FROM THE ALLOCATION OF \$76,000 FOR "OTHER EXTRAMURAL."

PLEASE KEEP US ADVISED OF YOUR PROGRESS ON THIS SITE VIA REGULAR POLREPS. IF YOU HAVE ANY QUESTIONS ON THE ALLOCATION OF THIS CEILING INCREASE, PLEASE CALL SUSAN DELPERO AT FTS 382-7731.

ENDIT

AR100618

BROWN'S BATTERY BREAKING SITE
BERKS COUNTY, PA
TILDEN TOWNSHIP

I SITUATION (1800 hours, March 29, 1984)

- A) 2" of snow fell overnight. Winds with gusts to 84 mph caused severe damage to property. A steel shed on site was ripped from the ground and twisted.
- B) As of 1200 hours, this date, major winter storm and blizzard warnings have been posted in the Reading, PA area. 8"-16" of snow are predicted.
- C) Major interstates and highways in the area have been closed. Only three trucks of clay arrived this date. Possibility of 2-3' of snow may fall in the mountain area where the clay site is.
- D) Only work performed this date was the dumping of three trucks of clay.
- E) Between today and yesterday, March 28, 1984, approximately 10K was expended with little or no work due to weather problems.

II ACTIONS TAKEN

- A) Ted Rubright (Rubright Construction Co) on scene. He stated he had a clay source approximately 25 miles away from site and that he also had trucks to transport soil. BES/OSC explained to T. Rubright that a contract had already been signed with Wilkes-Barre site and his services could not be rendered. OSC representative acknowledged that most of the clay in this area did not meet clay cap specifications.
- B) Mr. Strausser contacted OSC representative (J. Downie) about his concerns in regards to the drainage problems he states he has on his property. Mr. Strausser stated he would like a drain put in to run parallel to his property/driveway. OSC representative stated he had not observed any such problems but would monitor the situation accordingly.

III FUTURE PLANS

- A) Heavy snow expected into this evening. Site personnel to depart as soon as possible.

Jack Downie
JACK DOWNIE
ON SCENE COORDINATOR
US EPA REGION III

AR100619

SPECIAL BULLETIN P
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (March 28, 1984)

The following are estimated completion percentages for Phase I and Phase II clean-up activities as of 1200 hours this date.

<u>PHASE I:</u>	<u>% Complete</u>
Overall	90%
Excavation	100%
Backfill	100%
Topsoil	95%
Miscellaneous Restoration	50%

<u>PHASE II:</u>	<u>% Complete</u>
Overall	70%
Excavation	95%
Backfilling	95%
Grading & Shaping Disposal Area	95%
Clay Capping	0%
Topsoil	0%
Rip Rap	0%
Fence	0%
Miscellaneous Restoration	0%

Total clean-up activities (Phase I and Phase II inclusive) are approximately 80% complete.

Jack Downie
JACK DOWNIE
ON SCENE COORDINATOR
EPA REGION III

AR100620

II FUTURE PLANS

- A) DSC, Jack Downie, to await 191K in additional funds.
- B) TAT support at the Brown's Battery Breacking Site to remain at one person due to extreme lack of manpower.
- C) Clay to arrive on site tomorrow (weather permitting).
- D) Weekend weather at this project expected to be void of precipitation.

Jack Downie

ACK DOWNIE
M SCENE COORDINATOR
S EPA REGION III

AR100621

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, March 30, 1984)

- A) No clay being trucked in this date due to one foot of snow at the clay borrow site.
- B) Reading, PA area received only 2-4 inches of snow overnight. This is compared with the 8-14 inches that was expected.
- C) No site operations this date due to lack of clay and adverse site conditions (approximate cost for today 5K).
- D) Estimated total project costs to date close of business March 29, 1984:
- | | |
|----------|------|
| BES | 748K |
| ERT/IT | 40K |
| TAT | 39K |
| USCG/AST | 27K |
| EPA | 6K |
| FEMA | 23K |
| TOTAL | 883K |
- E) Due to weather, only three of 120 trucks of clay arrived at the site this week as of close of business March 29, 1984. Clay capping schedule is in jeopardy.
- F) It is estimated that as of close of business this date (March 30, 1984) 15K has been expended in stand-by charges due to weather since March 26, 1984 with little or no progress.
- G) Weather: cloudy, cold 30's

II ACTIONS TAKEN

- A) OSC, Jack Downie, departed at 1200 hours this date to make an emergency assessment of another site.
- B) BES, Bo Kostuick, informed the OSC that an estimated 20 trucks of clay are projected to arrive on site tomorrow (weather permitting).
- C) Tom Massey, was informed yesterday March 29, 1984 that the of Justice in Philadelphia and Washington D.C. and EPA Enfo. Branch, Philadelphia, concur that the previous 106 order issued to General Battery will be formally withdrawn and the previous scheduled hearing in federal court will be indefinitely postponed.

AR100622

for personnel (31) to arrange for remobilization of clay deliveries.

- G) Operations ceased 1200 hours this date. Although weather is good, the main priority is clay capping and other work can be performed during breaks in capping operations. Today is a double time pay day.

II FUTURE PLANS

- A) OSC awaiting reply on funding request of 191K.
- B) Contractor, as directed by OSC, to consider two other possible sources for clay.
- C) TAT support at site to remain at one person due to extreme lack of manpower.
- D) Clay deliveries to resume as soon as possible, weather permitting. 30 trucks scheduled for Monday, April 2, 1984 from new source, Eastern Minerals and Chemicals, Lancaster, PA.

Jack Downie

ACK DOWNIE
ON SCENE COORDINATOR
EPA REGION III

AR100623

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1800 hours, April 1, 1984)

- A) Weather: partly sunny, low 50's for Monday & Tuesday; chance of rain Wednesday.
- B) Roadways from Wilkes-Barre clay borrow site clear. No difficulty encountered by drivers enroute to Battery Site.
- C) Eight truckloads of clay (approximately 120 cu yds) delivered and dumped today by DelVecchio Sanitation Service from Wilkes-Barre clay borrow site. Total to date is 11 loads.
- D) Close of business March 31, 1984 estimated total project costs to date:

<u>Contractor</u>	<u>Cost</u>	<u>Ceiling</u>
BES	75K	1.078M
ERT/IT	40K	40K
TAT	39.3K	
USCG/AST	27.5K	
EPA	6K	
FEMA	23K	26K
TOTAL	210.8K	

All monies are obligated.

- E) At 1045 hours, OSC, Jack Downie, on site for beginning of clay capping operations (Phase II).

I ACTIONS TAKEN

- A) At 1215 hours, March 31, 1984, OSC advised that clay deliveries have ceased due to equipment (loader) failure at clay site. Today's operations cost approximately 4K.
- B) OSC taking actions to rectify situation so clay deliveries can be recommence as soon as possible as good weather presents an excellent opportunity for Phase II operations.
- C) BES geologist advised OSC of his dissatisfactions with the quality of clay being received at this time.
- D) At 1230 hours, March 31, 1984 OSC decided to stop on site operations as a cost saving measure. Today is a time and one-half day.
- E) No clay delivered today, April 1, 1984. However, measures are being taken to schedule clay delivered for Monday, April 2, 1984.
- F) OSC decided to put all BES personnel on stand-by, April 1, 1984 except

AR100624

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, April 2, 1984)

A) Personnel on scene:

EPA - 1
TAT - 1
USCG/AST - 1
BES - 7

B) Estimated project costs to date close of business April 1, 1984:

BES 769K
ERT/IT 40K
FEMA 23K
TAT 40K
USCG/AST 28K
EPA 7K
TOTAL 907K

C) At 0950 hours, clay trucks on scene from the new source in Lancaster, PA. Information supplied by the source indicates a permeability of 3.7×10^{-8} to the minus 8 cm sec. OSC, Jack Downie, has decided to go with the clay.

D) Estimated 270 cu yds of clay trucked in this date.

E) Estimated 443 cu yds of clay trucked in to date.

F) Weather: sunny, warm 60 degrees.

II ACTIONS TAKEN

A) Received DCN number from Susan Delparo for the ceiling increase of 328,000 on March 27, 1984.

B) At 1530 hours this date hydroseeding outfit on scene to take measurements.

C) OSC, Jack Downie, has decided to use the source of clay in Lancaster, PA. The OSC is having permeability tests run on the clay coming in to verify information supplied by the source.

D) 11 trucks of clay that arrived over the weekend were unsatisfactory. The OSC was extremely dissatisfied with the clay. TAT informed the OSC that the clay that arrived on site was not what BES had supplied to TAT and the OSC on a previous date as a sample.

E) Operations this date concentrated on spreading of clay.

F) TAT and USCG/AST taking periodic samples of clay arriving.

G) TAT, Jay Molwani, dropped off air samples to lab in New Jersey

AR100625

this date.

- A) OSC is dissatisfied with the progress of the clay capping operation. The OSC informed the contractor that due to the time lost because of weather and other problems, operations now require 45 trucks per day.
- I) On this date, 18 trucks arrived from the source while 30 were expected. 45 are expected tomorrow.

III FUTURE PLANS

- A) 45 trucks of clay expected April 3, 1984 from the Lancaster source.
- B) OSC, Jack Downie, to depart the site 1200 hours April 3, 1984.
- C) OSC, Ben Wilmoth, expected on scene 1600 hours April 3, 1984.
- D) TAT, Jay Motwani, to monitor operations in David Wright's absence. TAT, Terry Jensen and Jay Motwani to arrive on scene 2000 hours this evening. April 3, 1984 will be Mr. Jensen's first day at the site and as a TAT. TAT, David Wright, to depart the site at 1005 hours, April 3, 1984.
- E) Operations for the next 7-10 days will concentrate on clay capping.
- F) OSC, Thomas Massey, expected on scene April 5, 1984.
- G) Rain expected tomorrow evening, April 3, 1984 into April 4, 1984.

Ben Wilmoth
BEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

AR100626

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, April 3, 1984)

- A) 36 loads of clay trucked in this date from new clay source (Lancaster, Eastern Mineral and Chemical).
- B) 5 loads of #4 stone trucked in this date to stabilize condition on temporary roadway. Stabilization necessary due to heavy traffic (trucks) and anticipated rainfall on April 4, 1984.
- C) Personnel on scene:
- | | |
|----------|-----|
| BES | - 9 |
| EPA | - 2 |
| TAT | - 3 |
| USCG/AST | - 1 |

- D) Estimated cost to date close of business April 3, 1984:

AGENCY	COST TO DATE	CEILING
BES	805,247.92	1.078M
EPA	7,500.00	
TAT	41,700.00	
USCG/AST	27,997.94	
FEMA	23,000.00	26K
ERT/IT	40,000.00	40K
TOTAL	945,445.86	

- E) Weather: clear, warm 50's

II ACTIONS TAKEN

- A) At 1030 hours, J. Downie (EPA) departed site for Wheeling, WV office. B. Wilmoth to be on scene at 1600 hours to assume duties of OSC.
- B) After surveying several loads of clay that arrived on site, TAT determined that amounts of debris (cobble, silt, tree branches, topsoil) to be unsatisfactory. It was determined that an assessment of the borrow site be conducted to alleviate this problem. TAT talked with equipment operator and pointed out superior site locations to improve clay quality and alleviate debris. Operator showed interest and cooperation.
- C) B. Bradd (General Battery representative) on site this date to take pictures of site operations.
- D) Operations on site concentrated on clay capping operations.
- E) Due to concentrated efforts on clay operations, TAT and USCG/AST found that two pieces of BES equipment (JCB 807, and sheepsfoot) could not be used in near future. OSC demobilized for cost saving measures.

AR100627

III FUTURE PLANS

- A) Attempt to locate possible alternate clay sources.
- B) Contractor to attempt to increase clay trucks coming into site to make up for the delay caused by weather condition.

Ben Wilmoth

BEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

AR100628

NO INFO MASTER 4-010303257-001 09/13/84
EPC IPMATED CEF
2135970490 30N TERT PHILADELPHIA PA 295 09-13 1033M 1ST
TRK 7100700710 EPAOMT TRK
EMERGENCY RESPONSE
2210 EPA PHA

BROWNS BATTERY BREAKING SITE

FILDES TOWNSHIP, BERKS COUNTY PENNSYLVANIA
PROJECT NUMBER 141 AND FINAL

I. SITUATION: 1100 HOURS; SEPTEMBER 13, 1984

A. ALL PREVIOUS WORK AUTHORIZED WAS COMPLETED ON SCENE ON JULY 10 1984. THESE ACTIONS INCLUDE EXCAVATION OF BATTERY CASINGS AND CONTAMINATED SOILS OVER ENTIRE 14 ACRE SITE, THEIR TRANSPORTATION TO SOUTH OF SITE, BACKFILLING EXCAVATED AREAS, THEIR ENCAPSULATION IN CLAY, SITE STABILIZATION AND FENCING OF DISPOSAL AREA.

B. ESTIMATED CUBIC YARDS OF MATERIAL ENCAPSULATED OR USED:
TOTAL ENCAPSULATED CONTAMINATED SOILS 72,000 CUBIC YARDS
TOTAL BACKFILL USED 18,000 CUBIC YARDS
TOTAL SOIL USED 4,300 CUBIC YARDS
TOTAL CLAY USED 7,200 CUBIC YARDS
TOTAL STONE USED 4,500 CUBIC YARDS
TOTAL RIP-RAP USED 750 CUBIC YARDS

C. OSC ON JULY 10, 1984 RECEIVED LETTER FROM PROPERTY OWNER'S LAWYER INDICATING THEY PLANNED TO MAKE A CLAIM AGAINST SUPER FUND FOR ALLEGED LOSSES OF USE OF 4 ACRES OF PROPERTY. EPA LEGAL COORDINATING RESPONSE (W/ ARDESK).

D. ESTIMATED FINAL PROJECT COST BEGINNING WITH
EPA 32,894.30

ERT/IT 42,000.00

TAT (ESTIMATED) 85,153.18

(INCLUDING SPECIAL PROJECTS, SAMPLING)

SES, INC (MAIN CONTRACTORS) (FINAL) 1,195,254.17

USCG/AST 32,842.44

FLM (STILL WAITING FINAL) 21,420

TOTAL 1,407,764.09

E. FINAL DAILY COST REPORT INVOICES HAVE BEEN RECEIVED EXAMINED AND CERTIFIED.

II ACTIONS TAKEN

A. JR OSC, DAVID WRIGHT, COORDINATING WITH IG, MIKE WALL, CONTENTS OF FINAL DRAFT OF OFFICE OF INSPECTOR GENERAL REPORT CONCERNING BROWNS BATTERY BREAKING SITE. THE IG OFFICIAL REPORT HAS NOT BEEN SUBMITTED AS PER THEIR TIME FRAME.

B. JR OSC, DAVID WRIGHT, AND TAT DISCUSSED CONTENTS AND ORGANIZATION OF OSC REPORT. OSC STRESSED THE IMPORTANCE OF THE IMMEDIATE COMPLETION OF REPORT.

III FUTURE PLANS

A. OSC AWAITS INSPECTOR GENERAL REPORT. OSC WILL RESPOND TO ALL ISSUES AS RAPIDLY AS POSSIBLE.

B. OSC DRAFT REPORT NEARING COMPLETION. PRELIMINARY DRAFT IS EXPECTED SEPTEMBER 17 1984.

THOMAS I MASSEY SENIOR OSC, DAVID WRIGHT JUNIOR OSC, USEPA REGION

III

1044 1ST

EPAOMT PHA

AR100629

EPAOEM PHA

AU INFOMASTER 4-005338S193-001 07/11/84
ICS IPMENGZ CSP
2155970496 DGM TDEM PHILADELPHIA PA 182 07-11 0838A EST
TWX 7106700716 EPAOEM PHA
EMERGENCY RESPONSE
4218 EPA PHA

ATTN HENRY VAN CLEAVE

POLREP NUMBER 140 BROWNS BATTERY BREAKING SIGHT TILDEN TOWNSHIP PA

I. SITUATION 7-11-84 0930 HOURS

A. ON 7-10-84 TIM FARRIS EPA-CONTRACTS CONFIRMED THE EXTENSION OF THE
BES CONTRACT TO JULY 13 1984.

B. OSC ON 7-9-84 RECEIVED LETTER FROM PROPERTY OWNERS LAWYER
INDICATING THEY PLANNED TO MAKE A CLAIM AGAINST SUPER FUND FOR THE
ALLEGED LOSS OF USE OF FOUR ACRES OF PROPERTY.

II. ACTIONS TAKEN

A. BES ON SIGHT 7-9 TO 7-10-84 FIXING THE SEWERAGE PIPE AND PLANTING
TREES. RICHARD BARONOWSKI INFORMED THE OSC THAT LEAKING PIPES (WATER
HEATER) ARE NO WAY DIRECTLY OR INDIRECTLY RELATED TO EPA OPERATIONS. OSC
ADVISED THE CONTRACTOR BASED ON THIS ASSESSMENT TO NOT FIX THE PIPES.

B. OSC CONTACTED MRS TERRY SHAWER (PROPERTY OWNER) AT 0905 HOURS THIS
DATE TO INFORM THAT THE TREES WERE PLANTED AND THE SEWERAGE PIPE FIXED
ALSO INFORMED THAT THE CONTRACTOR WOULD NOT BE REPAIRING THE LEAKING
PIPES.

C. TOPOGRAPHIC SURVEY OF THE SIGHT IS COMPLETE. OSC AWAITING MAPS
FROM ERT GEORGE PRINTS.

III. FUTURE PLANS

A. FINAL DAILY COST REPORTS INVOICE AND POLREP ARE PENDING.
DAVID WRIGHT, JR ON SCENE COORDINATOR EPA REGION 3

0842 EST

EPAOEM PHA

AR100630

WU INFOMASTER 4-038940S184-001 07/02/84
ICS IPMBNGZ CSP
6096637995 DGM TDLN PENNSAUKEN NJ 330 07-02 0215P EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4213 EPA PHA

BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP
BURKES COUNTY PENNSYLVANIA

POLREP 139

I. SITUATION (JULY 2 1984; 1100 HOURS)

A. OSC (TOM MASSEY AND DAVID WRIGHT) RECEIVED ON JUNE 26, 1984 A LETTER FROM T. SHANER (PROPERTY OWNER) ADVISING OF THE FOLLOWING MINOR DEFICIENCIES: 1. A CRUSHED SEWER CLEAN-UP PIPE. 2. DAMAGED HOT WATER PIPE. 3. DEAD TREES. 4. PONDING OF WATER AROUND BRICKHOUSE. 5. UNPAID RENT ON COMMAND POST. 6. COMMAND POST RETURNED IN DIRTY CONDITION. 7. UNPAID REPAIR BILL OF TRICK.
B. AFTER CONSULTATION WITH TAT AND KERMIT RADER (LEGAL DIVISION), OSC (DAVID WRIGHT) DECIDED TO ADDRESS ONLY THE FIRST THREE ITEMS.

II. ACTION TAKEN

A. ON JUNE 28 1984 TAT'S (TERRY JENSEN AND GARRETT ARIA) ARRIVED ON SITE AT 1000 HOURS AND OBSERVED FORSAID DEFICIENCIES WITH MR SHANER. TAT'S OBSERVED THAT THE SEWER PIPE WAS DAMAGED THE HOT WATER PIPES DID LEAK AND INDEED THAT THERE WAS DEAD TREES. THEIR RECOMMENDATIONS WERE TO FIX OR REPLACE THESE ITEMS.
B. JUNE 29, 1984 OSC (DAVID WRIGHT) HAD A TELECONFERENCE WITH BES (RICHARD BARONOWSKI) COVERING MR SHANER'S ALLEGATIONS. OSC INFORMED BES THAT AFTER CONSULTATION WITH TAT THAT THIS WORK IS NEEDED TO RESTORE THESE ITEMS TO ORIGINAL CONDITIONS.
C. JUNE 2 1984 AT 1015 HOURS OSC CONTACTED PAT FLYNN (EPA-CONTRACTS) REQUESTING EXTENSION OF PERIOD OF PERFORMANCE OF CONTRACT TO JULY 13 SO THE FORESAID MINOR ITEMS CAN BE CORRECTED. NO ADDITIONAL FUNDS ARE NEEDED.
D. JULY 2 1984 AT 1035 HOURS OSC CONTACTED BES (MARTHA BARONOWSKI) TO ORDER A CORRECTION OF THE MINOR DEFICIENCIES BY THE FOLLOWING 1. REPLACE THE DEAD TREES WITH LIVE TREES. 2 REPAIR THE HOT WATER PIPE. 3. REPAIR SEWER PIPE BY JULY 10, 1984.

III. FUTURE PLANS

A. BES WILL INFORM OSC WHEN EXACT COMPLETION DATE (DATE AND TIME) WILL OCCUR.
B. OSC WILL WRITE MEMO TO PAT FLYNN REQUESTING PERIOD OF PERFORMANCE EXTENSION.
C. OSC WILL DRAFT A LETTER IN REPLY TO T. SHANER ALLEGED ITEMS.
SIGNED DAVID WRIGHT, JR OSC
USEPA REGION III
DAVID WRIGHT

1422 EST

EPAOHM PHA

AR100631

EPAOHM PHA

WU INFOMASTER 4-031060S171-001 06/19/84
ICS IPMENGZ CSP
2155970496 DGM TDBN PHILADELPHIA PA 87 06-19 0135P EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4218 EPA PHA

POLREP NUMBER 138
BROWN BATTERY BREAKING POINT
TILDEN TOWNSHIP PENNSYLVANIA

- I. SITUATION 1430 HOURS JUNE 19 1984
 - A. OSC AWAITING FINAL DAILY COST REPORTS AND INVOICE FROM BES
- II. ACTION TAKEN
 - A. OSC CONTACTED BRUCE BIETLER OF PADER AT 1400 HOURS THIS DATE. OSC REQUESTED PADER TO MONITOR THE SITE AND AND REPORT TO EPA ANY PROBLEMS. PADER WILL INTERMITTENTLY INSPECT THE SITE BUT AS PREVIOUSLY DISCUSSED PADER WILL DO SO UNDER NO COMMITMENT OR OBLIGATION.
- III. FUTURE PLANS
 - A. FINAL POLREP AND OSC REPORT PENDING. DAVID WRIGHT, JUNIOR ON SCENE COORDINATOR, EPA REGION 3

1339 EST

†

EPAOHM PHA

AR100632

EPAOHM PHA

WU INFOMASTER 4-008117S170-001 06/18/84
ICS IPMENGZ CSP
2155970496 DGM TDEN PHILADELPHIA PA 119 06-18 0915A EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4218 EPA PHA

ATTN HENRY VAN CLEVE
POLREP NUMBER 137
BROWNS BATTERY BREAKING SITE
TILDEN TOWNSHIP BERKS COUNTY PA

I SITUATION 0900 HOURS JUNE 18 84
SUB PARA A. REMOVAL OPERATIONS 100 PERCENT COMPLETE AS OF CLOSE OF
BUSINESS JUNE 15TH 1984. REPEAT JUNE 15 1984 IS THE OFFICIAL DATE FOR
TERMINATION OF IMMEDIATE REMOVAL ACTIONS AT THE BROWNS BATTERY BREAKING
SITE.

II. ACTIONS TAKEN

SUB PARAGRAPH A WARNING SIGNS POSTED BY CONTRACTOR PERSONNEL ON JUNE 15
1984. TAT VERIFIED THIS WAS COMPLETED.

SUB PARAGRAPH B. TAT SAMPLED THE 3 MONITORING WELLS ON SITE ON JUNE 15
1984

III. FUTURE PLANS

A OSC AWAITS FINAL DAILY COST REPORTS FROM THE CONTRACTOR

SUB PARAGRAPH B OSC TO CONTACT PADER CONCERNING FUTURE SITE MONITORING.

DAVID WRIGHT JUNIOR ON SCENE COORDINATOR EPA REGION 3

0920 EST

EPAOHM PHA

AR100633

36-1
EPAOHM PHA

WU INFOMASTER 4-004700S166-001 06/14/84
ICS IPMBNGZ CSP
SUSPECTED DUPLICATE
2155970496 DGM TDBN PHILADELPHIA PA 268 06-14 0740A EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4218 EPA PHA

ATTN HENRY VAN CLEVE POLREP 136 BROWNS BATTERY BREAKING SITE HILDEN
TOWNSHIP BERKS COUNTY PA

I. SITUATION 1700 HOURS 6-13-84 SUBPARAGRAPH A DEMOBILIZATION OF
CONTRACTOR EQUIPMENT IS 100 PERCENT COMPLETE , ,
II. ACTIONS TAKEN SEPARAGRAPH A OSC CONTACTED ERT GEORGE PRINCE AT 1025
HOURS ON 6-12-84 AND REQUESTED THAT A FINAL TOPOGRAPHIC SURVEY OF THE
SITE BE PERFORMED TO DOCUMENT REMOVAL ACTIVITIES. MR PRINCE ADVISED THE
OSC THAT THE SURVEY WOULD TAKE PLACE ON OR AROUND JUNE 20 1984.
SUBPARAGRAPH B OSC CONFIRMED THE REQUEST FOR THE TOPOGRAPHIC SURVEY WITH
EPA ERD COLLEEN CARUTHERS AT 0915 HOURS THIS DATE. MONIES TO COME FROM
REMAINING EXTRAMURAL FUNDS. SUBPARAGRAPH C. DUE TO PROBLEMS WITH
OBTAINING WARNING SIGNS (SEE POLREP 135) THE OSC REQUESTED AT 0820
HOURS THIS DATE THAT THE PERIOD OF PERFORMANCE OF THE BES CONTRACT BE
EXTENDED TO JUNE 30TH IN CASE THAT THE SIGNS CANNOT BE OBTAINED AND
INSTALLED BEFORE THE CURRENT PERIOD ENDING JUNE 15 1984 DOROTHY BRITTIN
EPA-CONTRACTS ADVISED THE OSC THE EXTENTION WOULD BE INITIATED.
SUBPARAGRAPH D. OSC CONTACTED BOB FINK OF OSHA AT 1350 HOURS THIS DATE
TO ADVISE HIM OF POTENTIAL LEAD PROBLEMS IN AND AROUND THE AUTO BODY
SHOP ON SITE. MR FINK ADVISED THE OSC TO PREPARE A LETTER TO OSHA
INDICATING THE REQUET FOR ASSISTANCE AND OSHA WOULD THEN INVESTIGATE THE
SITUATION.
III. FUTURE PLANS SUBPARAGRAPH A. ON SITE MONITORING WELL SAMPLING TO
OCCUR ASAP DEPENDING ON AVAILABLE TAT RESOURCES. SUBPARAGRAPH B. RICHARD
BARRONOWSKY (BES) INFORMED THE OSC THIS DATE THAT SIGNS WILL BE
OBTAINED/INSTALLED BY JUNE 15 1984. OSC STILL SEQUESTING THE PERIOD OF
PERFORMANCE EXTENTION AS A SAFEGUARD.

DAVID WRIGHT JR ON SCENE COORDINATOR EPA REGION 3

1239 EST

EPAOHM PHA

AR100634

POLREP #136 - Browns Battery Breaking Site
Tilden Township, Berks County, PA
Page Two

III. Future Plans

- A. Well sampling, site inspection and photographing scheduled for end of this week.
- B. OSC will contact OSHA concerning lead contamination around the perimeter of auto body shop. This contamination may be attributed to operations in and around the shop. Painting with and sanding of lead-based paint are suspect.
- C. Demobilization will be completed this week.

David P. Wright, OSC
U.S. EPA, Region III

ETJ:lal

AR100635

POLREP #136 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1400 hrs., June 11, 1984)

- A. Weather: Sunny, hot, 90's, hazy, humid.
- B. Site conditions: Dry.
- C. Final preliminary estimate project cost (final preliminary project cost ASAP in future Polrep) COB 6/6/84:

Contractor estimated costs	\$1,152,994.57
TAT	60,600.00
USCG/AST	33,242.44
FEMA	26,000.00
EPA	22,300.00
ERT/IT	<u>40,000.00</u>
TOTAL	\$1,335,137.01

- D. On June 9, 1984 BES obtained replacement storage shed. On June 11, 1984 Martha Baranowski (BES President) informed OSC that Mr. Liebensberger will assemble shed and put it where he wants.
- E. As of this date, BES has not installed warning signs around perimeter of primary disposal site.

II. Actions Taken

- A. At 1430 hrs. 6/8/84 OSC and contractor made site inspection. Contractor (R. Baranowski) assured OSC that all final items (signs, fence, gate, shed, etc.) would be complete on Saturday, 6/9/84.
- B. 6/8/84, OSC met with residents (T. Shaner, Mrs. Strausser, Mrs. Noll and D. Liebensberger) individually to inform them that the site would be complete on Saturday 6/9/84.
- C. OSC officially informed TAT that thirty days from this date (7/11/84) the first draft of the OSC report will be due and final draft will be due 8/11/84.
- D. At 1330 6/11/84 OSC contacted BES (R. Baranowski) to verify all work completed (warning signs, shed, gate, fence, water pipe). Mr. Baranowski informed OSC that Sign Co. lost warning signs. Contractor without consulting OSC posted "No Trespassing" and "Keep Out" signs on perimeter. OSC informed contractor to remove "No Trespassing" signs and to post additional "Keep Out" signs until the correct signs are obtained. The bathroom pipe was not repaired because T. Shaner was not available to let contractor into his house. OSC again advised contractor that the period of pe 6/15/84. TAT will again get a copy of sign requirements to contractor. Contractor has been ordered to install signs ASAP.

AR100636

POLREP #135 - Browns Battery Breaking Site
Tilden Township, Berks County, PA
Page Two

III. Future Plans

- A. All utilities will be removed tomorrow June 8, 1984 which includes portable toilets, electricity, phones and water.
- B. Contractor will complete by COB June 8, 1984: 1) Shed, 2) fence and gate, 3) signs for fence.
- C. Final photographing of site will be needed on later date.
- D. Well sampling needs to be done next week.

David P. Wright, OSC
EPA, Region III

ETJ:lal

—AR100637

POLREP #135 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1700 hrs., June 7, 1984)

- A. Weather: Sunny, hot, high 80''s, muggy, calm winds.
- B. Site conditions: Dry.
- C. Personnel on site:
 - BES - 8
 - TAT - 1
 - EPA - 1
 - Weston - 1
- D. Driveway and/or roadway onto site and around garage complete.
- E. BES (Rich Baranowski) informed OSC (David Wright) at 0710 Thursday, June 7, that property owner (Terry Shaner) will be responsible for most of command post.
- F. Estimated cost COB 6-6-84:

Contractor Ceiling	\$1,209,000.00
Estimated costs (with adjustment)	<u>1,152,994.37</u>
Remaining funds	\$ 56,005.63

II. Actions Taken

- A. Cal Kendig, Weston construction consultant, felt an outstanding effect and final product was produced in spite of the last six months' adverse inclement weather. Mr. Kendig will forward to OSC and TAT a report indicating the above.
- B. BES connecting water pipes to Noll's trailer. They found several damaged water lines under it leading both to kitchen and bathroom.
- C. Demobilization continues with all utilities scheduled to leave on Friday, June 8, 1984.
- D. Topsoil was spread along east side of body shop to alleviate drainage problems.
- E. Contractor obtained 150' of hose and a sprinkler to be used in water around homes at Phase I area.

AR100638

POLREP #134 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1500 hrs., June 6, 1984)

- A. Weather: Sunny, hot, mid 80''s, calm winds.
- B. Site conditions: Dry with a few isolated muddy spots.
- C. Personnel on site:
 - BES - 9
 - TAT - 1
 - EPA - 1
- D. Fourteen trucks of #2 stone, approximately 220 tons, were delivered over the last two days. The purpose of this stone is to abate water ponding around building, stop dust problems and repair road damaged by heavy equipment user.

II. Actions Taken

- A. Last of stone was delivered and graded on driveway.
- B. Contractor tightening fence. Contractor had a problem obtaining 6' wide gate, so he had body shop personnel make one.
- B. Contractor has notified all utilities that our last day of operation is Friday, June 8, 1984.

III. Future Plans

- A. Continue demobilization with target date of June 8, 1984.
- B. Contractor still needs to complete: 1) Shed, 2) fence and gate, 3) signs for fence.

David P. Wright, OSC
EPA, Region III

ETJ:lal

AR100639

POLREP #133 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1700 hrs., June 5, 1984)

- A. Weather: Sunny, mid 80's, calm winds.
- B. Site conditions: Dry with a few isolated muddy spots.
- C. Personnel on site:
 - BES - 9
 - TAT - 1
- D. Contractor tightening fence around primary disposal site.

II. Actions Taken

- A. Six truckloads of #2 stone were delivered and spread around driveway area to alleviate water ponding problem.
- B. One load of topsoil was delivered and a portion of it was used under the Noll's mobile home.
- B. Utilities and subcontingencies notified of our planned demobilization on Friday, June 8, 1984.

III. Future Plans

- A. OSC, TAT and contractor continue to prepare for total demobilization on Friday, June 8, 1984.
- B. OSC and TAT continue to monitor costs closely.

David P. Wright, OSC
EPA, Region III

ETJ:lal

AR100640

POLREP #132 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1630 hrs., June 4, 1984)

- A. Weather: Sunny, mid 70's, calm winds.
- B. Site conditions: Generally dry with a few muddy spots.
- C. Personnel on site:
 - BES - 9
 - TAT - 1
- D. Hydroseeding was completed at close of business. Hydroseeder walked site and reseeded areas that were heavily washed out by flooding; also raked and rolled Phase I to give it a smooth contour. He will return in a couple of weeks to inspect site, examine any problem areas and reseed if necessary.
- E. All fencing is in place. Fence must still be strung tightly.

II. Actions Taken

- A. OSC and TAT spoke at 1300 hrs. and decided:
 - 1. Replace trees along border of driveway.
 - 2. Order 10 total trucks of #2 washed modified stone in driveway areas to remove low spots that collect water.
 - 3. Remind contractor about storage shed.
- B. At 1100 hrs. property owner (Terry Shaner) spoke with concern to TAT (Terry Jensen) about stone for his driveway and the gate onto the primary disposal site. He was informed that extra stone was ordered for tomorrow, June 5, 1984 and the gate would be changed to allow a small, wheeled vehicle on mound.

III. Future Plans

- A. Spread and grade stone as directed by OSC at correct location on driveway around body shop.
- B. OSC and TAT continue to monitor remaining funds closing so to remain with ceiling limits.
- C. Demobilization of the command post and site will begin on Thursday, June 7, and will be complete COB Friday, June 8, 1984.

David P. Wright, OSC
EPA, Region III

ETJ:lal

AR100641

POLREP #131 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1200 hrs., June 2, 1984)

- A. Weather: Sunny, cool, mid 60's, windy.
- B. Site conditions: Still wet and muddy, but these areas are receding.
- C. Personnel on site:
 - BES - 6
 - TAT - 1

II. Actions Taken

- A. BES crew stringing fence on southeast of primary disposal site. Personnel gate was put in. OSC had specified 6' gate to allow vehicles to enter in case of fire or repair work needed on mound. TAT (Terry Jensen) informed BES (Richard Baranowski) of OSC's request for correct gate.

III. Future Plans

- A. Complete final work; restoration, erosion control, fencing and hydroseeding.
- B. OSC and TAT continue to monitor remaining funds closing so to remain with ceiling limits.

David P. Wright, OSC
EPA, Region III

ETJ:lal

AR100642

6) Fencing	\$25,000
7) Decontamination of houses	10,000
8) Hydroseeding	10,000
TOTAL PROJECT COST	<u>\$348,490</u>
Total Funding remaining	404,000
Total Projected costs	<u>348,490</u>
Projected Margin (4.6% of total funding) \$ 55,510	

- B. Advised contractor that geotextile fabric replace the plastic liner that was laid down in an improper fashion. The liner must be on top of the clay. The OSC authorized the contractor to let the laid down plastic remain because it is already partially covered with clay. The OSC indicated he would pay for it.
- C. Additional sources of clay examined to be used in conjunction with the present one.
- D. OSC authorized demobilization of personnel to 5 persons:
Supervisor - 1 Dozer operator - 1
Foreman - 1 Technician - 1
Secretary --1
- E. Relocated resident, Mr. Stausser, came to command post and discussed drainage problems around his property. OSC, TAT and contractor examined property and the contractor said he would fix the problem.

III FUTURE PLANS

- A. OSC, TAT and Contractor to investigate and monitor drainage problem.
- B. OSC, TAT and USCG/AST will continue on-going cost evaluation to maintain cost effectiveness with maximum work efficiency.

Ben Wilmoth
BEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

AR100643

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, April 4, 1984)

- A. 53 loads of clay trucked in this date. 292 more loads needed to complete clay capping operations.
- B. Site conditions are extremely adverse due to very heavy rainfall/logistical problems.
- C. Estimated costs to date, close of business April 3, 1984:

BES	832,178.92
ERT/IT	40,000.00
USCG/AST	28,177.94
EPA	7,800.00
FEMA	23,000.00
TAT	42,300.00
- D. OSC informed of additional cost of Lancaster clay source from \$300 to \$370 a truck.

II ACTIONS TAKEN

- A. Due to additional costs of clay and delays due to adverse weather conditions, a cost projection was done by OSC, TAT and USCG/AST members.

Total BES ceiling to date	1,078,000.00
Total spent to date	<u>805,000.00</u>
Remaining Funds	273,000.00
Expected additional funds	<u>131,000.00</u>
Total funding	404,000.00

Projected costs:

- 1) Clay - 65 of 410 trucks delivered
345 trucks x \$370/load \$ 127,650.00
- 2) Topsoil - 78 of 285 trucks delivered
207 trucks x \$120/load 24,840.00
- 3) RipRap, liner, sand 14,000.00
- 4) Miscellaneous Restoration -
1 - 4 does not include manpower
or equipment

- 5) Using April 3 as average day expected costs for manpower and equipment are as follows:

Manpower	\$ 3,000
Equipment	3,000
Clothing	<u>500</u>
	\$ 6,500

18 days expected for projection
18 x \$6,500 =
\$5,000 for each extra weekend

\$117,000
<u>15,000</u>
\$132,000

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I SITUATION (1700 hours, April 6, 1984)

- A. 34 truck loads of clay were delivered bringing the total truck loads to 185 to date.
- B. The weather: overcast and in the low 50's. Primary disposal site is still hampered by wet conditions. The 977 CAT front end loader attempted to help spread the clay. The 977 sank into the pile and was removed from the site.
- C. Manpower on scene:
- | | | | |
|-----|------|-----|-----|
| BES | - 10 | TAT | - 1 |
| EPA | - 1 | AST | - 1 |
- D. Clay still sticking to bed of trucks. Several methods of loading have been tried including putting plastic in the beds.
- E. Estimated total project cost to date close of business:
- | | |
|----------|--------------|
| BES | \$870,000.00 |
| ERT/IT | 40,000.00 |
| TAT | 42,900.00 |
| USCG/AST | 28,500.00 |
| EPA | 8,400.00 |
| FEMA | 23,000.00 |
- F. Flooding occurred in the south southwest portion of site from Mill Creek due to heavy rains. Pictures were taken.

II ACTIONS TAKEN

- A. Plastic was placed in the front of the trucks to help the clay to slide in the bed of the trucks.
- B. OSC authorized the following personnel:
- | | | | |
|------------|-----|-------------------------|-----|
| Supervisor | - 2 | Secretary | - 1 |
| Foreman | - 1 | Laborers | - 2 |
| Operators | - 2 | Technicians on stand-by | - 2 |
- C. Because of improving weather conditions, it was decided that clay will be hauled and if possible graded on Saturday and Sunday.
- D. OSC with advice from TAT and USCG/AST authorized stand-by of 977 front end loader, 555 front end loader. The need for the proceeding equipment is monitored closely. The decontamination trailer was not recommended and the contractor has decided to use it without cost to the EPA.
- E. Investigation for alternative clay sources has been unsuccessful to date.
- F. Contractor informed OSC that the damages to 807 JCB excavator that had been incurred during colder months will be billed to EPA. The amount is approximately \$10,000. OSC and contractor contacted Donna Tolaver, Contracts, and she believes that the bill will be covered.

AR100645

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PAI SITUATION (1700 hours, April 5, 1984)

- A. 33 loads of clay trucked in this date.
- B. Site operations are extremely hampered due to heavy rainfall in early morning hours.
- C. Personnel on scene:
BES - 9 TAT - 1
EPA - 1 USCG/AST-1
- D. Clay sticking to beds of trucks due to wet conditions.
- E. Soil analysis of topsoil-backfill indicates ph. 5.5 which will require 7,000 lbs. of lime per acre for hydroseeding.
- F. Contractor mobilized 977 front end loader, 555 front end loader, and decontamination trailer without OSC approval.

II ACTIONS TAKEN

- A. All site operations ceased with the exception of trucking in clay due to weather. OSC keeping personnel/equipment at minimum but yet maintaining maximum working level.
- B. Continued investigation for additional clay source sites.
- C. OSC authorized the following personnel:
Supervisor - 1 Laborers - 2
Foreman - 1 Secretary - 1
Operators - 2 Stand-by Technicians - 2
- D. 555 Bulldozer, 977 bulldozer and decontamination trailer arrived on site from Revere Chemical Site.
- E. Estimated costs to date, close of business April 5, 1984:
BES \$851,218.55
EPA 8,100.00
TAT 42,600.00
AST 28,357.94

III FUTURE PLANS

- A. OSC, TAT and USCG/AST will continue on-going cost tracking.
- B. Evaluation of hydroseeding and reclamation methods that can be used with required lime concentrations.

BEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

AR100646

I SITUATION (1700 hours, April 7, 1984)

- A. Truck loads of clay began arriving at 0500 hours, this date.
- B. Primary disposal site conditions are still very wet, but conditions are improving.

C. Estimated costs to date, close of business April 7, 1984:

BES	\$887,237.93
ERT/IT	40,000.00
USCG/AST	28,897.94
EPA	8,400.00
FEMA	26,000.00
TAT	43,500.00

D. Personnel on site:

BES	- 9	EPA	- 1
TAT	- 1	AST	- 1

E. Weather: cloudy, wind and low 50's

II ACTIONS TAKEN

- A. Owner of clay source informed Prime Contractor that he would not load clay on Sunday. After discussion, it was decided to maintain minimum manpower and spread/grade clay for the next day.
- B. OSC, TAT and AST discussed equipment used and when each piece will be used.

III FUTURE PLANS

- A. OSC, TAT and AST will continue to monitor manpower, material and equipment costs to maintain maximum efficiency at the lowest cost.

Ben Wilmoth

BEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

- G. Clay samples sent for analysis of permeability compaction, remold dry density, remold moisture, organic percent and percent fines.
- H. Judy Stout, State Extension Services, informed OSC that the required liming of topsoil needed for planting could occur during hydroseeding.
- I. Critical examination of manpower and equipment cost and use was conducted between OSC, TAT, USCG and Contractor.

III FUTURE PLANS

- A. Continue of hauling, spreading and grading clay with minimal personnel and equipment on site.

BEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

AR100648

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PAI SITUATION (1700 hours, April 9, 1984)

- A. Weather: Sunny, slightly windy and low 60's
- B. 29 loads of clay trucked in this date totaling 240 truck loads of clay.
- C. Site conditions are still wet, but have dried considerably making spreading and grading easier.
- D. Estimated costs to date, close of business April 9, 1984:
- | | |
|--------|-------|
| BES | 912 K |
| ERT/IT | 40 K |
| EPA | 9.5K |
| FEMA | 26 K |
| TAT | 44 K |
- E. Personnel on site:
- | | |
|-----|-----|
| BES | - 7 |
| TAT | - 1 |
| EPA | - 1 |

II ACTIONS TAKEN

- A. Topsoil samples were taken for Nutrient analysis from the 2 proposed topsoil sources; the Ruppert Farm and Stout Farm.
- B. TAT examined the primary disposal site. Clay is still moist but drying well due to good weather. Compaction of clay should begin soon.
- C. OSC and TAT discussed equipment reduction.

III FUTURE PLANS

- A. OSC, TAT and USCG to continue to monitor costs closely.

Jack L. Downie

JACK DOWNIE
ON SCENE COORDINATOR
US EPA REGION III

AR100649

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1700 hours, April 8, 1984)

- A. Weather: sunny, windy, high 50's
- B. There was no clay delivered today. The contractor's crew spread and graded clay also removing any tree branches, roots, plastic and other debris that might hinder the compaction of clay cap.
- C. The clay is wet and difficult to spread causing a delay.
- D. Estimated costs to date, close of business April 8, 1984:

BES	\$892,485.93
ERT/IT	40,000.00
EPA	9,000.00
FEMA	26,000.00
TAT	43,500.00
- E. Personnel on scene:

BES	- 7
EPA	- 1
TAT	- 1

ACTIONS TAKEN

- A. Prime Contractor hired Dick Inhoffer, Engineering Consultant, to examine the site and to suggest any ideas that might help.
- B. OSC, TAT and contractor's consultant discussed site situation. Nothing new was suggested.

I FUTURE PLANS

- A. Clay will be hauled and stockpiled until necessary amount arrives. Dozer operators will arrive early to accelerate spreading and grading tomorrow, April 9, 1984.

Ken Wilmoth

KEN WILMOTH
ON SCENE COORDINATOR
US EPA REGION III

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PAI SITUATION (1700 hours, April 11, 1984)

A. Personnel on scene:

EPA - 1 TAT - 1
BES - 7 USCG/AST - 1

B. Total estimated project costs to date close of business April 10, 1984:

BES 933K
ERT/IT 40K
TAT 44K
AST 29K
FEMA 26K
EPA 10K
Total 1,082,000

C. 43 trucks of clay hauled in this date.

D. 323 trucks of clay hauled in to date.

E. Weather: clear, warm 65 degrees with calm winds

II ACTIONS TAKEN

A. OSC directed the Prime Contractor to remove the top 6" of soil in the 2 gardens not excavated previously. Top soil to replace the excavated material.

B. Operations today concentrated on spreading and grading of the clay cap. Minor restoration work also being performed.

C. At approximately 1400 hours, this date, OSC Jack Downie, spoke with Mrs. Strausser and informed her that we would be removing the top 6" of soil and replacing it with topsoil.

D. David Wright, TAT, departing scene at 1700 hours this date.

E. USCG/AST, Jerry Montgomery, on scene 1400 hours this date.

III FUTURE PLANS

A. Clay capping operations to continue tomorrow.

B. At current rate of expenditures, it is estimated current funds will expire on or around April 18, 1984.

C. OSC awaiting 191K additional funding.

D. Weather for tomorrow: clear, warm 60-70 degrees.

Jack L. Downie
JACK DOWNIE
SCENE COORDINATOR
EPA REGION III

AR100651

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PAI SITUATION (1800 hours, April 10, 1984)

A. Personnel on scene:

BES - 6 TAT - 1
EPA - 1 PADER - 1

B. 40 trucks of clay hauled in this date.

C. 280 trucks of clay hauled in to date.

D. Estimated prime contractor costs to date close of business April 9, 1984: 912K
Ceiling: 1.078M

E. Weather this date: Temperatures in the low 60's, winds northerly 10-20 mph.

II ACTIONS TAKEN

A. Byron Bradd, General Battery representative, on scene 1240 hours to photograph site operations. Mr. Bradd departed site at 1300 hours.

B. Mark Selman, PADER, on scene this date to coordinate topsoil nutrient analysis with Penn State University.

C. Contractor costs to date close of business April 9, 1984: 912K. Ceiling: 1.078M
Funds remaining: 166K. At 20K per day, current funding will expire on or around April 18, 1984.

D. Operations this date concentrated on clay capping operations.

E. OSC chartered small aircraft this date to perform aerial photography of the site for documentation purposes. Cost to project was less than \$40.

III FUTURE PLANS

A. USCG/AST, Jerry Montgomery, expected on scene 1400 hours, April 10, 1984.

B. OSC awaiting 191K in additional funding (131K for BES, 60K extramurals).

C. April 11, 1984 to be TAT, David Wright's, last day on site as a Technical Assistance Team member.

D. Current funds expected to expire on or around April 18, 1984.

E. Weather for the next 2-3 days: clear, warm 60's

*Jack L. Downie*JACK DOWNIE
ON SCENE COORDINATOR
US EPA REGION III

AR100652

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERK'S COUNTY, PA

I. SITUATION (1700 hours, April 13, 1984)

A. Personnel on scene:

EPA-01 TAT-01
BES-07 USCG/AST-01

B. Total estimated project cost to date close of business April 12, 1984:

BES- 980K
ERT/IT-40K
TAT- 45K
AST- 30K
FEMA- 26K
EPA- 11K
TOTAL 1,132,000

C. 32 trucks of clay delivered to the site this date.

D. 396 total trucks of clay delivered to date.

E. 34 trucks of topsoil delivered to site this date.

F. Weather: Clouds, high 50's, calm winds.

II. ACTION TAKEN

A. Operation this date are two-fold:

1. Continue hauling, grading and spreading of clay.
2. Topsoil has begun to arrive and be graded this date.

B. At 1230 hours prime contractor was asked about the delivery of clay for tomorrow, April 14, 1984 Saturday. The contractor had decided not to haul clay for April 14 and 15, 1984 due to higher cost for week-end work.

C. OSC, Jerry Saseen, arrived on site at 1300 hours.

D. 12 holes were dug by TAT with post hole digger in grid pattern to examine thickness of clay cap. Thickness ranged from 5" to 18" averaging 12.33". Contractor was instructed to grade clay to thinner area.

E. OSC and prime contractor discussed personnel, equipment and spreading of topsoil with consideration of expected inclimate weather. It was decided due to costs, no clay/topsoil being delivered Sunday April 15, 1984, work would be cancelled.

III. FUTURE PLANS

A. Topsoil will continue to be hauled in to site, weather conditions permitting.

B. Hopefully, final loads of clay will arrive on site April 17, 1984.

C. Possible heavy rains expected for weekend.

D. Current funds are still expected to expire on or around April 18, 1984.

I SITUATION (1700 hours, April 12, 1984)

A. Personnel on scene:

EPA-01 TAT-01
BES-07 USCG/AST-01

B. Total estimated project costs to date close of business April 11, 1984:

BES-
EPA-10K
TAT-44K
AST-29K
ERT/IT-40K
FEMA-26K

TOTAL-

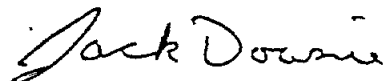
- C. 41 trucks of clay hauled in this date.
D. 364 trucks of clay hauled into site to date.
E. Weather: clear, warm (65 degrees) with calm winds.

II ACTIONS TAKEN

- A. Today's operation focused on spreading and grading the clay cap. Minor restoration work was performed.
B. OSC and TAT performed on site examination of compaction of clay cap and depth of clay cap. Using a post hole digger the depth was found to be averaging 14 inches.
C. Terry Jensen, TAT, arrived on site at 0900 hours.

III FUTURE PLANS

- A. Weather expected to deteriorate, April 13, 1984 forecast: rain showers, heavy at times in late afternoon.
B. Topsoil will begin to arrive tomorrow, April 13, 1984.
C. Final loads of clay to arrive on site April 14, 1984.
D. Current funds are still expected to expire on or around April 18, 1984



JACK DOWNIE
ON SCENE COORDINATOR
US EPA REGION III

AR100654

EPAOHM PHA

WU INFOMASTER 4-012230S107-001 04/16/84
ICS IPMBNGZ CSP
2155628911 DGM TDBN READING PA 332 04-16 1108A EST
TWX 7106700716 EPAOHM PHA
EMERGENCY RESPONSE
4218 EPA PHA

POLREP 94

BROWN'S BATTERY RAKING SITE

TILDEN TOWNSHIP

BERKS COUNTY PENNSYLVANIA

I. SITUATION (1000 HOURS, 16 APRIL 1984)

ITEM A. INCLIMATE WEATHER THAT HAMPERED SITE OPERATIONS THROUGH THE WEEKEND CONTINUES TO INTERFERE WITH THE SCHEDULED WORK. ON SCENE WEATHER CONDITIONS: RAIN, TEMPERATURE- 50'S.

ITEM B. TOPSOIL AND CLAY CANNOT BE DELIVERED THIS DATE.

ITEM C. SITE CONDITIONS EXTREMELY WET AND UNWORKABLE.

ITEM D. WEATHER REPORTS INDICATE A CONTINUANCE OF BAD WEATHER FOR A FEW MORE DAYS.

ITEM E. REMAINING FUNDS FOR PRIME CONTRACTOR APPROXIMATELY \$70,000.

II. ACTIONS TAKEN.

ITEM A. OSC DIRECTED PRIME CONTRACTOR TO CONTINUE TO BE ON STANDBY UNTIL SITE CONDITIONS IMPROVE. THE FOLLOWING STANDBY ARRANGEMENT WAS ARRIVED AT BY THE OSC AFTER DISCUSSING WITH THE CONTRACTOR:-

- REDUCTION OF STANDBY PERSONNEL UNTIL FURTHER NOTICE TO ONE FOREMAN, ONE LABORER AND A SECRETARY. ALL OTHER PERSONNEL TO BE ON COMPLETE DEMOBILIZATION

- HEAVY EQUIPMENT TO BE ON STANDBY AT SITE SINCE TAKING THE EQUIPMENT BACK TO CONTRACTOR'S OFFICE AND BRINGING IT BACK TO SITE WILL COST ABOUT \$6000. ONE PIECE OF EQUIPMENT (THE MOST EXPENSIVE) TO BE DEMOBILIZED TILL FRIDAY BY CONTRACTOR AT NO CHARGE TO THE PROJECT/

ITEM B. THE ABOVE ARRANGEMENT OF STANDBY WILL PRODUCE A COST SAVINGS OF ABOUT \$4,000 AS COMPARED TO A FULL REGULAR WORK DAY, AND A COST SAVING OF ABOUT \$1500 AS COMPARED TO A FULL STANDBY CREW MODE.

ITEM C. OSC DISCUSSED WITH PRIME CONTRACTOR THE DECONTAMINATION OF HOMES AND TOYS FOUND IN THE HOME. IT WAS DECIDED BY THE OSC THAT TOYS SHALL BE DISPOSED OF (SINCE THEY CANNOT BE PROPERLY DECONTAMINATED) AND HOMEOWNERS WILL BE DULY COMPENSATED.

ITEM D. OSC ADVISED FEMA (KAREN LARSEN) ABOUT COMPLETION DATE OF PROJECT AS MAY 15, 1984.

III. FUTURE PLANS

ITEM A. OSC AWAITING \$191,000 ADDITIONAL FUNDS.

ITEM B. SITE OPERATION WILL REMAIN ON STANDBY TILL FURTHER NOTICE.

ITEM C. OSC TO CONTINUE TO ASSESS THE SITE CONDITION ON A DAILY BASIS WITH THE CONTRACTOR TO MAKE DETERMINATION OF RESTART OF SITE WORK.

ON-SCENE COORDINATOR
U.S. EPA REGION III
JERRY SASEEN

1113 EST

AR100655

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERK'S COUNTY, PA.

I. SITUATION (0945 hours, April 14, 1984)

- A. Weather: misty rain, mid 40's, heavy rains expected through weekend.
- B. Conditions at primary disposal area are very wet and muddy.
- C. Topsail being delivered this date.

II. ACTION TAKEN

- A. Due to the very wet and muddy conditions, the OSC decided to stop work on the primary disposal area. It was feared operating heavy equipment on the wet clay would damage the clay cap and cause additional costs.
- B. trucks of topsoil were received and stock piled this date.
- C. OSC instructed prime contractor to demobilize personnel and to resume work on Monday April 16, 1984. Cost savings and site conditions were the basis for this decision.

III. FUTURE PLANS

- A. FEMA (Karen Larsen) will be notified April 16, 1984 for the expected project completion date.
- B. At current rate of expenditures it is estimated current funds will expire on or around April 18, 1984.
- C. OSC awaiting 191K additional funds.
- D. Operations will commence at 0800 hours April 16, 1984.


JERRY SASEEN
ON SCENE COORDINATOR
US EPA REGION III

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1800 hours, April 17, 1984)

- A. Wet conditions at the site hampered active work on-site including clay-capping and topsoil application.
- B. No topsoil or clay deliveries this date.
- C. Rip-rap (8"-12" stone) for establishing the run-off system at site being trucked in to be stockpiled on site.
- D. Estimated contractor costs as of WB 4/17/84:
Prime Contractor - 1,015K
Funds remaining for prime contractor to complete job - 63K
- E. OSC extremely concerned about delay in response to the request for additional funds of \$191K. This concern is expressed in Special Bulletin "Q".
- F. Status of site operations:

Phase I

Overall	-	90%
Excavation	-	100%
Backfill	-	100%
Topsoil	-	95%
Misc Restoration	-	50%

Phase II

Overall	-	85%
Excavation	-	100%
Backfill	-	99%
Grading & Shaping of disposal area	-	99%
Clay Capping	-	80%
Topsoil	-	50%
Rip-rap	-	5%
Fencing	-	0%
Misc Restoration	-	0%

Total cleanup activities (Phases I & II) are approximately 85% complete.

II. ACTIONS TAKEN

- A. OSC demobilized contractor activity at 1200 hrs this date due to wet site conditions. All contractor personnel/equipment to be on standby mode.
- B. OSC along with TAT, USCG/AST and prime contractor made cost projections for completing the job. Results of the assessment indicate that bad weather conditions have affected 8 work days causing additional costs of approximately \$45K. These additional costs have used up a good portion of the contingency funds (including those in \$191K requested).
- C. OSC met with contractor, TAT and USCG/AST to further implement cost savings procedures. The contractor offered to put equipment on standby at no charge to the project. This is expected to produce a cost savings to the project of many thousands of dollars.

AR100657

SPECIAL BULLETIN Q
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1500 HRS APRIL 17, 1984)

- March 27, 1984 - Special bulletin O was forwarded to EPA headquarters requesting additional \$191K in extramural monies to continue the control and stabilization activities.
- April 10, 1984 - OSC indicated in Polrep 89 that the then-current funds for prime contractor would expire on April 18, 1984.
- April 16, 1984 - OSC (Thomas I Massey) had conference call with EPA headquarters (Donna Toliver) and TAF regarding the funding increase request of \$191K in extramural monies.
- April 17, 1984 - 1000 hrs. OSC (Jerry Saseen) had telecon with EPA headquarters (Susan Delpero) and expressed concern over delay in response to the funding request. OSC advised Susan Delpero that the OSC was running out of contractor funds and would have to demobilize or go on standby by noon 4/19/84. Susan Delpero advised the OSC that the funding request memo would be forwarded to Mr Hedeman this date and a response will be due to the OSC by noon 4/18/84.

OSC awaiting response from EPA headquarters on the funding request.

Jerry Saseen

JERRY SASEEN
ON SITE COORDINATOR
US EPA REGION III

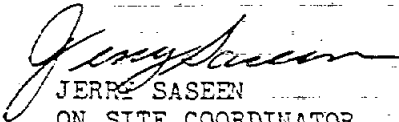
AR100658

II. ACTIONS (continued)

- D. Contractor extending excellent cooperation to OSC in developing cost savings to bring project to completion under ceiling.
- E. 11 Trucks of rip-rap delivered.
- F. B Brad, General Battery Rep, on site taking pictures.

III. FUTURE PLANS

- A. OSC awaits funds to finish sites.
- B. OSC anticipates total site shutdown at 1700 hours April 18, 1984 if funds are not received.
- C. TAT to explore cost savings in items related to hydroseeding and fencing.



JERRY SASEEN
ON SITE COORDINATOR
US EPA REGION III

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours, April 18, 1984)

- A. Site conditions are very wet and are hampering active work on site, including clay capping and topsoil application.
- B. OSC awaiting additional funds of \$191K and is extremely concerned about its delay.
- C. No rip-rap or clay deliveries this date.
- D. 72 truckloads of topsoil delivered, spread where possible and stockpiled.
- E. Estimated contractor costs as of COB 4/18/84:

Prime contractor - 1,027K
Funds remaining for prime contractor to complete job - 50K

F. Personnel on site:

BES - 7
EPA/ERT - 1
USCG/AST - 1
TAT - 2

G. Estimated total costs at end of workday this date:

BES	--	1,027,872.80
EPA	-	12,600.00
TAT	-	47,100.00
AST	-	30,399.94
FEMA	-	26,000.00
ERT/IT	---	40,000.00
Total	-	1,118,972.74

II. ACTIONS TAKEN

- A. TAT discussed with PADER (Mark Selman) soil tests that were done on the two topsoil sources. The prime concern of the tests are the pH levels. The pH levels were found to be 6.3, which is suggested to require 4,000 lbs of lime.
- B. OSC (Jerry Saseen), Chief of Emergency Response Section of EPA Region III (Tom Massey) and EPA HQ (Susan Delpero) discussed the urgent need for additional funds to continue and complete site stabilization. OSC expects remaining funds to expire by 4/19/84 and will be forced to demobilize or go on stand-by if additional funds are not received immediately.
- C. Contractor agreed to reduce his fee of 15% to 7% for trucked material. Contractor will adjust invoices retroactively at the completion of project. This equates to \$15K savings.
- D. Joseph York, Travelers Insurance Company and insurer of Brown's Battery, examined disposal site. Questions were directed to EPA HQ in Philadelphia.

III. FUTURE PLANS

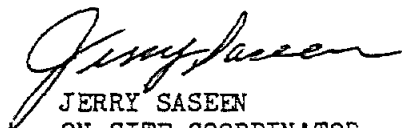
- A. OSC awaits funds to complete site.

AR100660

SPECIAL BULLETIN R
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

SITUATION (1000 hours, April 18, 1984)

At 0915 hours this date, OSC (Jerry Saseen), Chief of Emergency Response Section of EPA Region III (Tom Massey), and EPA headquarters (Susan Delpero), had a conference call regarding the request for additional funds of \$191K in extramural monies. Tom Massey and Jerry Saseen re-emphasized the urgent need for the additional monies to continue site stabilization operations. The OSC is expecting to run out of contractor monies by 4/19/84 and will be forced to demobilize or go on standby if additional funds are not received immediately.



JERRY SASEEN
ON SITE COORDINATOR
US EPA REGION III

AR100661

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERK'S COUNTY, PAI. SITUATION (1700 hours, April 19, 1984)

- A. Weather; cloudy, cool, 50's, showers to heavy rains.
- B. Site conditions are very wet, hampering the final spreading of the clay and spreading of topsoil.
- C. Received the additional funds of 191K at 1500 hours. The prime contractor's ceiling is 1,200K.
- D. Estimated total cost to date at end of working day this date:

BES - 1,042,000
EPA - 13,200
TAT - 47,400
AST - 31,000
FEMA - 26,000
ERT/IT - 40,000
TOTAL - 1,199,600

E. Personnel on site:

BES - 08
EPA - 01
AST - 01
TAT - 01

II. ACTION TAKEN

- A. 10 truck loads of clay delivered on site bringing the total to 410 truck loads. 28 loads of topsoil delivered on site bringing the total of 100 truck loads. No further loads of clay or topsoil required. The clay and topsoil were spread where possible otherwise it was stock piled. 28 truck loads of rip-rap delivered on site bringing the total truck loads to 39. Rip-rap was stock piled.
- B. OSC was informed that 3 extra trucks of topsoil were delivered. OSC told contractor that these would not be paid for and could be removed at their expense.

III. FUTURE PLANS

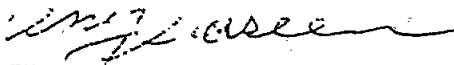
- A. Continue site restoration with additional funds.

Jerry Saseen
JERRY SASEEN
ON SCENE COORDINATOR
US EPA REGION III

AR100662

III. FUTURE PLANS (continued)

- B. OSC, TAT, USCG/AST and contractor prepare for demobilization by exploring costs and effective cost savings tactics.
- C. OSC anticipates total site shutdown at 1200 hours April 19, 1984 if the funds are not received.


JERRY SASEEN
ON SITE COORDINATOR
US EPA REGION III

AR100663

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (0900 hours, April 23, 1984)

- A. No work performed Saturday or Sunday 4/21 & 22, 1984.
- B. At 2036 hours an earthquake measuring 4.1 on the Richter scale hit the Reading area. Epicenter was 15 miles south of Lancaster, PA (clay borrow site).
- C. Weather: Raining and 39°.

II. ACTIONS TAKEN

- A. OSC contacted BES Richard Baranowski at approximately 2145 hours last evening concerning today's limited site work to be performed.

III. FUTURE PLANS

- A. Weather: Rain expected through tonight - possible rain tomorrow.
- B. Due to rain expected early this week, OSC to conduct site operations so as to complete as much non-heavy equipment use items as possible until weather permits.



DAVID WRIGHT
JR OSC
EPA REGION III

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERK'S COUNTY, PA.

I. SITUATION (1200 hours, April 20, 1984)

- A. Site conditions are still very wet and muddy.
- B. Weather; Partly cloudy, 60's, calm winds.
- C. Estimated total costs at the end of workday this date:

BES	-	1,016,000
EPA	-	13,800
TAT	-	47,700
AST	-	31,000
FEMA	-	26,000
ERT/IT	-	40,000
TOTAL		1,204,500

- D. With new contractor ceiling of 1,209K the remaining funds are 163K 10K (repair bill) = 153K
- E. At 0800 the OSC David Wright assumed command of site from Jerry Saseen.

II. ACTIONS TAKEN

- A. Upon inspection, the OSC determined that the site conditions were to wet and muddy. Work was suspended at 1200 hours through the weekend. Work to assume at 0800 hours Monday, April 23, 1984.
- B. At 1130 hours a meeting with OSC, USCG/AST, TAT and contractor. It was projected (weather permitting) that Sunday April 29, 1984 the following items will be 100% completed:
 1. Clay capping
 2. Rip-Rap
 3. Topsoil
 4. Excavation and backfilling of roadway leading to primary disposal area.
- C. OSC David Wright contacted Donna Tolaver at 1115 hours this date to determine if BES would receive Holiday Pay (double time) for this date (Good Friday). Mrs Tolaver informed the OSC that BES would get the normal rate and this was not a holiday according to the contract.

III. FUTURE PLANS

- A. TAT to finalize hydroseeding mixture requirements by COB 4/23/84.
- B. OSC contemplating coordinating a meeting with the three residents on site to inform/discuss house decontamination methods and issues.
- C. Work at site will resume 0800 hours, Monday April 23, 1984.

DAVID WRIGHT
ON SCENE COORDINATOR
EPA REGION III

AR100665

David Wright To OSC

BROWN'S BATTERY BREAKING SITE
 TILDEN TOWNSHIP
 BERKS COUNTY, PA

I. SITUATION (1200 hours, April 24, 1984)

- A. Weather: Raining, 40°, calm winds.
- B. Site conditions: Very wet and muddy.
- C. Personnel on-site this date:

BES - 7
 EPA - 1
 USCG/AST - 1
 TAT - 1

- D. Contractor BES still not charging standby rates for equipment on site.

II. ACTION TAKEN

- A. At 0830 hours, OSC discussed weather conditions with TAT, USCG and contractor.

- 1) Site is much too wet to allow heavy equipment to work on primary disposal site.
- 2) BES personnel worked under and around houses at site and cleaned up areas along Schuylkill River.
- 3) It was determined due to the adverse conditions that no further work would be done beyond 1200 hours this date.
- 4) For Tuesday April 25, 1984 and Wednesday, April 26, 1984, BES personnel would consist of:
 - 1 supervisor
 - 1 foreman
 - 1 technician

- B. TAT discussed with Judy Stout, County Extension Service, the hydro-seeding mix. It was decided to use 1/3 crown vetch, 1/3 perennial rye grass, and 1/3 tall fescue.

III. FUTURE PLANS

- A. As soon as weather allows, OSC plans to have contractor work extra overtime in order that all good weather days give full production.
- B. OSC to prepare special bulletin to inform EPA-ERD of current breakdown on the money situation.
- C. Work will resume with limited personnel tomorrow (April 25, 1984) at 0800 hours.
- D. Special Bulletin S. Project Cost (update) to be transmitted to HQ by 1600 hours this date.

David Wright
 DAVID WRIGHT - JR. OSC
 EPA REGION III

AR100666

SPECIAL BULLETIN "S"
 BROWN'S BATTERY BREAKING SITE
 TILDEN TOWNSHIP
 BERKS COUNTY, PA

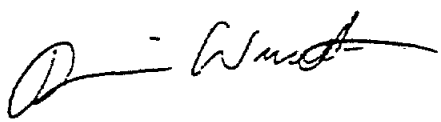
PROJECT COST UPDATE (1700 hours, April 23, 1984).

A. SUMMARY

Total Project Ceiling:	1,443,000.00
Estimated Project Costs	
To Date:	<u>1,207,070.00</u>
(COS 4/23/84)	
Funds Remaining:	<u>235,930.00</u>

B. PROJECT COST BREAKDOWN

	<u>CEILING</u>	<u>ESTIMATED COST TO DATE</u>	<u>FUNDS REMAINING</u>
<u>Extramurals</u>			
BES	1,209,000.00	1,027,970.00	161,030.00
TAT, USCG & other	133,000.00	79,300.00	53,700.00
FEMA	26,000.00	26,000.00	0.00
FRT/IT study	40,000.00	40,000.00	0.00
<u>Intramurals</u>			
EPA	<u>35,000.00</u>	<u>13,800.00</u>	<u>21,200.00</u>
 TOTALS	 <u>1,443,000.00</u>	 <u>1,207,070.00</u>	 <u>235,930.00</u>



DAVID WRIGHT
 JR OSC
 EPA REGION III

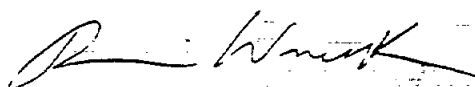
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1200 hours, April 25, 1984)

- A) USCG/AST J Montgomery and BESForeman D Johns continuing to monitor site conditions and WX forecasts.
- B) No work on site to be performed until WX and site conditions (wet/muddy) vastly improve.
- C) Today's prime contractor cost estimate: \$500.00.
- D) Prime contractor to mobilize CAT 977 to site today.
- E) The registered correspondence letter dated for March 19, 1984 that was sent to Mr Terry Shaner (reimbursement of water pump) was returned to EPA Philadelphia office unclaimed on April 14, 1984. OSC to resend.

II. FUTURE PLANS

- A) Extended WX forecast calls for improving WX with no chance of showers until possibly April 28, 1984. If this forecast holds true, work could possibly commence on Friday, April 27, 1984 as the site needs 1 1/2 days of drying time to facilitate work activities.
- B) OSC tentatively scheduled meeting with the 3 site residents, FEMA, PA Dept of Health, CDC, PA Community Affairs for Wednesday, May 3, 1984 at 1900 hours at site C/P. OSC to contact above residents/agencies asap. Issues to be discussed are home decon and project status.


DAVID WRIGHT
JR OSC
US EPA REGION III

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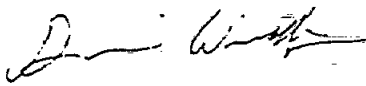
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1000 hours April 24, 1984)

- A. OSC David Wright contacted Emergency Response Section Chief, Tom Massey, at 0900 hours concerning site operations. The OSC advised Mr Massey that based on information gathered from USCG, TAT and BES, the only way to minimize costs incurred due to weather is to shut down site operations except for one USCG and one BES representative. Site operations should remain shut down until such time that the two on-site personnel determine based on site conditions and weather forecasts that operations can resume. During down-time, costs should be approximately \$800 daily.
- B. USCG Jerry Montgomery to contact OSC as soon as it is determined that site operations can resume.
- C. Site resident Mrs Strausser phoned command post after hours and expressed concerns about water in her basement and decontamination of houses.

II. FUTURE PLANS

- A. As soon as site conditions permit, OSC is planning to work all daylight hours to take full advantage of good weather conditions (i.e., 5 am to 7 pm).
- B. OSC to coordinate a meeting with the three residents on site, CDC and FEMA representatives as soon as possible.


DAVID WRIGHT
JR OSC
US EPA REGION III

AR100669

BROWN'S BATTERY BREAKING SITE
 TILDEN TOWNSHIP
 BERKS COUNTY, PA

I. SITUATION (April 28, April 29, 1984 1200 hours)

- A) All parties were notified of meeting May 2, 1984 1900 hours at command post. Only person that the OSC has not been able to reach is CDC Chares Walters.
- B) OSC notified by USCG/AST April 27, 1984 that he would like to pull USCG/AST Jerry Montgomery from the site upon completion of the primary disposal area. OSC to confer with EPA/ERS Chief Tom Masse on 4/30/84.
- C) Estimated total costs C.O.B.:

	<u>4/28/84</u>	<u>4/29/84</u>
BES	1,066,655.17	1,069,654.17
EPA	14,700.00	15,000.00
TAT	48,900.00	49,200.00
USCG/AST	31,958.44	32,200.00
EST	40,000.00	40,000.00
FEMA	26,000.00	26,000.00
TOTAL	<u>1,228,213.61</u>	<u>1,232,054.17</u>
BES Ceiling	1,209,000.00	1,209,000.00
	- <u>1,066,655.17</u>	- <u>1,069,654.17</u>
Remaining funds.) to complete) project.)	142,344.83	139,345.83

- D) Personnel on site:

	<u>4/28/84</u>	<u>4/29/84</u>
BES	9	7
TAT	1	1
EPA	1	1
USCG/AST	1	1

II. ACTIONS TAKEN

- A) April 28, 1984 - Work began at 0500 hours (o-dark-hundred hours). All equipment on scene in operation on site.
- B) Casing road to primary disposal site was removed, deposited and graded into the primary disposal site.
- C) 977 front-end loader moved stockpiled rip-rap from north side of disposal site to south side.
- D) Geotextile fabric and rip-rap was installed according to plan in south portion of outlet channel.

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1400 hours, April 27, 1984)

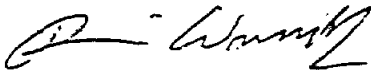
- A) Weather: Sunny, mid 70's, calm winds.
- B) Site conditions are generally improved and good. The clay has dried well with isolated portions still being wet.
- C) Personnel on site:
- BES - 10
 - TAT - 1
 - USCG - 1
 - EPA - 1
- D) Estimated prime contractor cost COB April 26, 1984: \$1,049,536.14.
Remaining estimated funds for contractor: \$149,463.85.
- E) Work began at 0800 hours and will continue to o-dark-hundred hours (approximately 2000 hours).

II. ACTION TAKEN

- A) 977 front-end loader and JCB excavator have begun to remove casing road to primary disposal site. JCB excavator broke down at 1130 hours and was repaired by 1300 hours. D-6 CAT removed topsoil off casings pile and spread stockpile topsoil. 555 front-end loader aided in planting trees. OSC, USCG, TAT and contractor trying to get maximum accomplished during daylight hours.
- B) OSC contacted residents of dwellings on site about a meeting scheduled for May 2, 1984 at 1900 hours to appraise them of future schedule and plans with respect to their homes.

III. FUTURE PLANS

- A) Work for tomorrow, Saturday, April 29, 1984, is schedule from o-dark-hundred hours to o-dark-hundred hours (dawn to dusk) to utilize maximum daylight hours and work during good weather time period.



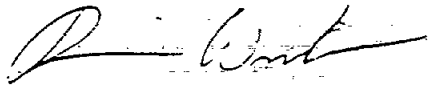
DAVID WRIGHT
JR OSC
US EPA REGION III

AR100671

SPECIAL BULLETIN T
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
- BERKS COUNTY, PA

I. SITUATION (1015 hours 4/30/84)

- A) OSC contacted USCG/AST Chief Langford at 1010 hours this date concerning the release of USCG/AST Jerry Montgomery from the Brown's site. OSC and the USCG/AST have agreed that Mr. Montgomery will be relinquishing his duties to TAT as of 1700 hours, 5/2/84.



DAVID WRIGHT

JR OSC

US EPA REGION III


AR100672

II. ACTIONS TAKEN (continued)

- E) Four trucks of sand delivered for outlet channel.
- F) OSC spoke with James Fink (new tenant) of Terry Shaner (formerly Desing) April 28, 1984 and informed him of the meeting on May 2, 1984.
- G) April 29, 1984 - Site conditions are very wet from heavy rain the night before. OSC decided to stop work at 1200 hours.
- H) April 30, 1984 - Clay stockpiled off from primary disposal was deposited and set to dry. Equipment graded around site to aid in drying.
- I) More rip-rap was moved to south side of primary disposal site stockpile.

III. FUTURE PLANS

- A) Work is scheduled to begin at 0800 hours April 30, 1984.
- B) A meeting is scheduled for May 2, 1900 hours at command post to discuss with property owners the decontamination of houses on site.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100673

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 Hrs 5/2/84)

- A) Weather: Sunny, scattered clouds, low 70's.
 B) Site conditions: Variable from damp to standing water.
 C) May 1, 1984 - one BES technician on scene to pump out water from low-lying area around the primary disposal area.
 D) Estimated costs total COB May 1, 1984:

BES	1,072,272.97
TAT	49,800.00
EPA	15,600.00
USCG/AST	32,399.44
FEMA	26,000.00
ERT/IT	40,000.00
TOTAL	1,236,072.41

BES Ceiling	1,209,000.00
	- 1,072,272.97

Remaining funds to complete project	136,727.03
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- E) Personnel on site:

BES	9
TAT	1
EPA	1
USCG/AST	1
Total	12

- F) USCG/AST representative (Jerry Montgomery) is permanently exiting the site at 1700 hours and relinquishing responsibilities to TAT personnel.

II. ACTIONS TAKEN

- A) At 0930 hours this date the remaining portion of the exposed battery casings was covered with clay, completing the clay capping.
 B) The OSC, TAT, and contractor examined the rip-rap outlet channel. Directly east of rip-rap outlet channel a gully had formed due to heavy rains and the grading of the topsoil being incomplete. It was decided that the out channel will be expanded 12 feet to the east to insure no additional erosion problems.
 C) Low-lying areas and excavated casing road area being pumped of water.

AR100674

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1200 hours April 30, 1984)

A) Site conditions: Primary disposal site is wet with standing water in several locations. East perimeter very muddy from operating heavy equipment through area. Standing water in casings road excavation and Phase I restoration areas.

B) Weather: Cloudy, showers (started at 0807 hours), 60's.

C) Personnel on site:

BES	-	9
TAT	-	1
USCG/AST	-	1
EPA	-	1

II. ACTIONS TAKEN

A) OSC examined site conditions and weather at 0815 hours and decided to close site at 1000 hours.

III. FUTURE PLANS

A) A meeting scheduled for May 2, 1984 at 1900 hours at command post to discuss with property owners the decontamination of houses on site.

B) Site conditions will be monitored by TAT, USCG and BES personnel and will be opened as soon as weather permits.

D. Wright
DAVID WRIGHT
JR OSC
US EPA REGION III

AR100675

SPECIAL BULLETIN U
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours 5/2/84)

- A) As of 0930 hours this date, clay cap is 100% complete. Only items to be done on the disposal area are grading and compaction of the clay and spreading of topsoil. Repeat: Clay is now covering 100% of the primary disposal area.
- B) Meeting to be held 1900 hours this date with the residents on site, property owner, FEMA, PADER and PA Community Affairs.
- C) As of 1700 hours this date, USCG/AST BM2 Jerry R Montgomery is officially relinquishing his duties to TAT. The OSC wishes to thank the USCG/AST for their excellent efforts and documentation/safety support during removal actions at the site. All of the personnel involved with the project are given special thanks and are listed below:

Lt S Glenn
DC1 R Lundberg
DC1 J Snyder
BM1 A Kreiling
MK2 D McCarthy
BM2 J Montgomery



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100676

II. ACTIONS TAKEN (continued)

D) Grading backfill and laying rip-rap on south perimeter of disposal area.

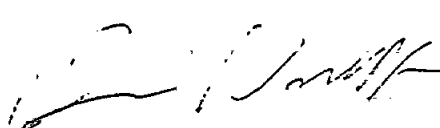
E) At 1445 hours, May 1, 1984, OSC held conference call with:

CDC - Kent Gray
CDC - Charles Walters
PA Dept of Health - Gary Schultz

concerning the decontamination of houses.

III. FUTURE PLANS

A) A meeting is scheduled for 1900 hours tonight at the command post to discuss with site residents the decontamination of the houses on site.

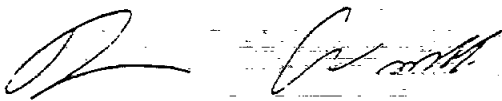


DAVID WRIGHT
JR OSC
US EPA REGION III

AR100677

(continued)

- E) Mr Shaner informed the OSC that he does not wish to have the area behind his body shop hydroseeded. OSC to consult with TAT/BES on this matter.
- F) Karen Larsen (FEMA) advised the OSC that Terry Shaner has been having problems with his tenants (Desings and Knolls) concerning payment of rent, etc. Mrs Larsen (FEMA) and Bill Kvaternick (PA Community Affairs) to inform the OSC if any matters concerning this will affect or involve EPA.



DAVID WRIGHT

JR OSC

US EPA REGION III

SPECIAL BULLETIN V
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (2030 hours 5/2/84)

- A) Meeting held at command post at 1900 hours with site residents and property owners. The following were in attendance:

David Wright - Jr OSC
Jerry Montgomery - USCG/AST
Terry Jensen - TAT
Karen Larsen - FEMA
William Kvaternick - PA Dept Community Affairs
Mike Kachmar - Berks Co Redevelopment Authority
Gary Schultz - PA Dept of Health
Rich Baranowski - BES
Terry Shaner - Property Owner
Strausser Family - Residents
Cindy Desing - Former Renter
Zelpha Knoll - Resident
James Fink - Resident (replaced DeSing)

- B) The main topic the OSC discussed was the decontamination of the homes. The OSC was supported on these issues by PA Dept of Health Gary Schultz.

The following general steps will be taken in the decontamination of the houses:

- 1) Cleaning/laundrying of personal effects, clothes, toys, etc.
- 2) Home inspection by OSC/TAT/BES.
- 3) Decontamination of the homes themselves (per CDC criteria).
- 4) Home inspection by OSC/TAT/BES followed by meeting with the residents.

*Note: Toys not easily cleaned - they will be replaced. Also, the OSC has asked that the residents supply a list of the items when they turn them over for cleaning.

- C) Mr Strausser (log cabin) does not want his family's clothes/house decontaminated by EPA. All residents were informed that EPA would provide the service. OSC to consult with EPA Regional Council's Kermit Rader on this matter.
- D) Mr Terry Shaner (property owner) wanted to know if the auto body shop would be cleaned. OSC to consult with regional personnel on this matter.

AR100679

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1300 hours, May 4, 1984)

- A) Evening of May 3, 1984, heavy rains occurred. Morning of May 4, 1984, site conditions are very wet. Standing water in numerous locations, including the primary disposal site.
- B) The weather is partly cloudy to sunny with calm winds and temperatures in the 70's.

II. ACTIONS TAKEN

- A) Because of the heavy rains the night before and the showers predicted for today, BES crew was sent home before 0800 hours this morning.
- B) One operator left to grade and spread water to aid drying.

III. FUTURE PLANS

- A) TAT monitoring conditions on site to plan when to start operations.

D Wright

DAVID WRIGHT

JR OSC

US EPA REGION III

/ET Jensen

AR100680

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 3, 1984, 1600 hours)

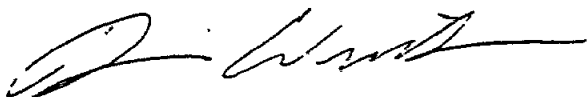
- A) Weather: Cloudy, showers, calm winds, 60's.
- B) Personnel on site: BES - 9
TAT - 1
EPA - 1
- C) Perimeter of site still very wet. Topsoil stockpile on mound very damp.

II. ACTIONS TAKEN

- A) D-6 bulldozer and 550 bulldozer spread the topsoil to aid in drying. Topsoil is too damp to grade.
- B) 555 front-end loader moved rip-rap to south portion of disposal area perimeter.
- C) Work was stopped and site was closed at 1500 hours due to rain.

III. FUTURE PLANS

- A) It appears that 20 more truckloads of topsoil will be needed to completely cover primary disposal area and to fill excavated gardens in Phase I area.
- B) OSC, TAT, and BES will monitor weather conditions to plan further work schedule.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100681

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 7, 1984, 1800 hours)

- A) Weather: Cloudy, foggy, light showers, calm winds, 60's.
- B) Site conditions on and around primary disposal site are wet. Topsoil is still too wet to grade without damaging the clay cap.
- C) The rip-rap liner on the south perimeter of the disposal site is 90% complete.

II. ACTIONS TAKEN

- A) At 0800 hours, JCB operator was ordered to the site to spread and grade rip-rap liner and work in coordination with the front-end loader operator.
- B) At 1300 hours, Mrs Z Knoll delivered 12 large bags of clothing and toys to be decontaminated. An inventory was presented to us. BES examined the volume of material and will look at most cost-effective method of decontaminating these items.
- C) OSC David Wright was informed by Susan Delpero (EPA/ERD HQ) that after the 6-month deadline is past, there is no specific time restriction/deadline to meet under CIRCLA.
- D) At 1400 hours, Ammon Ziegenfus of the PA Fish Commission informed OSC David Wright and TAT Terry Jensen that a road across the Schuylkill River from the command post had battery casings dumped on it for fill. The TAT and Mr Ziegenfus went to examine the road. The road measures .7 mile and Mr Ziegenfus believes 1.5 feet deep of casings were dumped. Casings are visible on, along side of and in the drainage area of the road.

III. FUTURE PLANS

- A) The road described above will be investigated in the future to appraise the extent of contamination.
- B) BES will examine the most cost-effective method of decontaminating the large volume of clothing.
- C) OSC and TAT will continue to monitor site and weather conditions so as to plan future work schedules.

D Wright
DAVID WRIGHT
JR OSC / ETJ
US EPA REGION III

AR100682

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 6, 1984, 1200 hours)

- A) Primary disposal site is still damp. Topsoil is still too wet to grade.
- B) Weather: Cloudy, light showers, 60's.
- C) Personnel on site: (May 4 & 5)
BES - 1
TAT - 1
- D) BES personnel moving rip-rap to south side of primary disposal site.
- E) BES was informed by Savage that due to wet conditions, it would need two days lead time to deliver 20 truckloads of topsoil.

II. ACTIONS TAKEN

- A) May 5, 1984: BES personnel pumped water from low-lying areas on and around primary disposal site. During afternoon, bulldozer operator tried to grade topsoil but found it to be too wet.
- B) May 6, 1984: BES personnel moved rip-rap with 977 front-end loader during AM hours and moved rip-rap with 555 during PM hours because the 977 broke down.

III. FUTURE PLANS

- A) TAT monitoring weather and site conditions to plan future work schedule.

D Wright
DAVID WRIGHT /ETS
JR OSC
US EPA REGION III

AR100683

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours 5/9/84)

- A) Weather: Partly sunny, windy, 60's.
- B) Site conditions: Wet, sloppy, muddy, standing water.
- C) Personnel on site:
 - BES - 3
 - TAT - 1
- D) At 1350 hours the bulldozer operator reported possible vandalism done to the D-6 CAT radiator. TAT examined damage and reported it to OSC David Wright. D-6 CAT is inoperable until damage is repaired.

II. ACTIONS TAKEN

- A) After examining site conditions, it was decided that a technician was needed to help operator pump water and repair 977 front-end loader.
- B) TAT discussed with OSC and contractor method of removing access road with JCB and dump truck that can be done during inclement weather. Contractor will use this method to excavate access road.
- C) OSC contacted EPA HQ Donna Tolaver to request guidance as to responsibility for vandalism to contractor's equipment. Guidance to follow 5/10/84.

III. FUTURE PLANS

- A) 20 truckloads of topsoil scheduled for tomorrow to be used in the gardens and primary disposal site. This should be the last delivery of topsoil.
- B) Personnel and equipment for removal of access road to site.



DAVID WRIGHT
JR OSC
US EPA REGION III

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1600 hours, May 8, 1984)

- A) Weather: Cloudy, showers, low 60's.
- B) Site conditions are very wet on and around primary disposal site.
- C) Personnel on site:
TAT - 1

II. ACTIONS TAKEN

- A) Because of the heavy rains early this morning, the BES personnel were sent home before 0800 hours.
- B) TAT, Terry Jensen, spoke iwth Mike Kachmar of Berks County Redevelopment Commission to find out the road name or number that had battery casings dumped on it (see Polrep #110), and the name(s) of property owner(s) adjacent to this road. The road is in Perry Township and is called Five Locks Road, or T952. The TAT member was unable to contact a representative of Perry Township.

III. FUTURE PLANS

- A) TAT will monitor site and weather conditions.

Dwight

DAVID WRIGHT (ETJ)
JR OSC
US EPA REGION III

AR100685

III. FUTURE PLANS (cont)

- B) The weather and site conditions dictate that the site will be worked this weekend.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100686

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours 5/10/84)

- A) Weather: Sunny, windy, 70's.
- B) Site Conditions: Wet, muddy, standing water.
- C) 20 more truckloads of topsoil was delivered, making the total number of trucks 120.
- D) Excavated hole at primary disposal site is 65% complete.
- E) Estimated Costs COB 5/9/84:

BES	1,090,256.82
EPA	16,200.00
TAT	52,900.00
USCG/AST	33,242.44
ERT	40,000.00
FEMA	26,000.00
Total	<u>1,241,999.36</u>

BES Ceiling	1,209,000.00
-	<u>1,090,256.82</u>

Remaining funds to complete Project	118,743.18
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- F) Personnel on Site: BES - 5
EPA - 1
TAT - 1

II. ACTIONS TAKEN

- A) The vandalized radiator of the D-6 was repaired at 1430 hours.
- B) The 977 front-end loader was temporarily repaired awaiting arrival of new generator.
- C) JCB excavator removing access road and loading fill to be dumped into excavation hole at primary disposal site.
- D) 550 bulldozer graded backfill between primary disposal site and body shop.

III. FUTURE PLANS

- A) BES investigating most cost effective way to decontaminate clothing/toys. (As prescribed by CDC)

AR100687

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours, 5/13/84)

A) Weather: Sunny, high 70's calm winds.

B) Site Conditions: Generally dry with wet areas in low-lying locations.

C) Personnel on site: BES - 9, TAT - 1, EPA - 1.

D) Equipment condition:

- 1) 550 bulldozer - faulty fuel injector - not operating.
- 2) 555 front-end loader - drive/shaft problems - operates very slowly.
- 3) D-6 bulldozer - vandalized radiator - to be operated slowly.
- 4) 977 front-end loader - broken generator - operate only when needed.

All the above problems have hampered progress.

E) Situation Saturday, May 12: Heavy rains - men were sent home after half day.

II. ACTIONS TAKEN

- A) Graded topsoil on primary disposal site. This was done especially in center portion of disposal site where standing water still exists.
- B) Grading was done with 550 bulldozer and hand-raking was done by technicians around homes.
- C) A tree was planted on Straussers' west property line under his supervision.
- D) Railroad ties were put in place from Fisher Dam Road to J Fink's residence.
- E) Stones were placed on driveways near homes and around garage and graded to aid drainage.

III. FUTURE PLANS

- A) Finish spreading and grading topsoil on primary disposal mound.

AR100688

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours 5/11/84)

- A) Weather: Sunny, windy, mid-70's.
- B) Site conditions: Top of mound is wet - surrounding areas drying out.
- C) Personnel on site: BES - 6, TAT - 1, EPA - 1.

II. ACTIONS TAKEN

- A) At 0900 hours this date, Senior OSC (Tom Massey) came by to inspect site operations.
- B) Berks County Redevelopment Authority (Mike Katchmar) called at 1025 hours this date to inquire as to completion date. OSC advised Mr Katchmar that he would give him ample notice to facilitate the residents' return to their homes.
- C) At approximately 1300 hours this date Byron Bradd of General Battery appeared on scene to take photographs of site.
- D) Terry Shaner informed OSC at 1500 hours about the eviction of one of his tenants.
- E) The 555 and D-6 CAT graded between the disposal site and the body shop. The D-6 was used in the filling of the casing road excavation. The JCB removed access road. Rental truck was used to haul backfill from access road to casing road excavation.

III. FUTURE PLANS

- A) OSC and TAT to continue to closely monitor costs to end the project.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100689

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA.

I. SITUATION (1500 hours, May 14, 1984)

- A) Weather: Cloudy, windy, cold (low 60's), rains occurred previous night.
- B) Site Conditions: Muddy
- C) Personnel Involved: BES - 10, EPA - 2, TAT - 2
- D) Estimated Cost COB 5/15/84:

BES	1,110,341.61
EPA	16,800.00
TAT	53,700.00
USCG/AST	33,242.44
ERT	40,000.00
FEMA	26,000.00

TOTAL 1,280,084.05

BES Ceiling	1,209,000.00
	-1,110,341.61

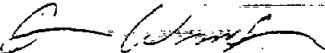
Remaining funds to complete project	98,658.39
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II. ACTIONS TAKEN

- A) Because of rains last night, OSC sent crew home except for 2 operators. The operators are to finish repairing equipment.
- B) OSC contacted Regional Consul Kermit Rader concerning signs around primary disposal site, but he was not in.

III. FUTURE PLANS

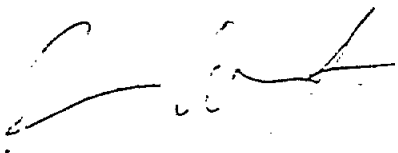
- A) Weather predicted to be good for next 3 days. OSC, TAT and contractor planning effective use of equipment and manpower to maximize production.
- B) OSC to contact Regional Consul Kermit Rader concerning signs around primary disposal site. (ASAP)
- C) OSC to contact all agencies involved with the relocation of the residents (FEMA, PA Comm Affairs, Berks Co Redevelopment Auth.) as soon as the major site operations are complete.


 DAVID WRIGHT
 JP OSC US EPA REGION

AR100689A

III. - FUTURE PLANS (cont)

B) Decontaminate the clothing we have received to date.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100690

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours, 5/15/84)

- A) Weather: Partly sunny, windy, low 60's, brief showers. Extended outlook: Breezy, cool through Friday. Chance of showers Saturday and Sunday.
- B) Site Conditions: A few isolated locations of standing water. Overall good drying conditions.
- C) Personnel on site: EPA - 1, TAT - 1, BES - 10.
- D) OSC ordered and received for site: 15 trucks of back-fill to be used in low spots; 2 trucks of topsoil for gardens; 2 trucks of #4 stone to be used on driveway between the Strausser and Fink residences.
- E) Rip-rap liner at the south end of primary disposal area is 100% complete.

II. ACTIONS TAKEN

- A) At 1500 hours 5/14/84 OSC spoke with EPA Regional Counsel and finalized the sign to be used on the fence around the primary disposal area. It reads as follows:

CAUTION!

No digging, no vehicles or disturbing of soil within the fence line. This area contains lead contaminated soils.

US EPA (215) 597-9898

- B) OSC spoke with Terry Shaner, property owner, at 0830 hours this date. He indicated he wanted the railroad ties along driveway staggered. He also asked if it would be possible to eliminate the traffic island in the driveway. OSC informed Mr Shaner it would not be a problem as it turns out that it would actually be more cost-effective and would save time than to reconstruct the island.
- C) Nolls' clothing was picked up by the cleaners this date.
- D) OSC spoke with Mrs Noll this date and made arrangements for the decontamination of her residence on Thursday, May 17, 1984, 0800 hours.

AR100691

SPECIAL BULLETIN "W"
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1600 hours 5/15/84)

- A) In the last several days, the OSC has spoken with a number of parties concerning the alleged eviction of the two renting tenants at the site. The OSC contacted Berks County Redevelopment Authority representative Mike Katchmar at 1530 hours this date concerning the alleged problem. Mr Katchmar, in conjunction with PA Community Affairs' Bill Kvaternik and Karen Larsen (FEMA), is investigating options as to where the residents might go if they are evicted. Mr Shaner, property owner/landlord, has indicated to the OSC that he is communicating with an attorney on this matter.
- B) OSC is extremely concerned about the situation is requesting legal guidance from the EPA Regional Counsel on this matter.
- C) OSC has been unable to confirm information on these matters to date.
- D) OSC also requests that FEMA advise the OSC as soon as possible when any information is available.
- E) Karen Larsen (FEMA) contacted OSC at 1600 hours this date concerning the above matter and indicated that she had no concrete information at this time.

II. FUTURE PLANS

- A) OSC to consult with EPA Regional Counsel as to what would be the EPA's involvement in a situation of this kind.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100692

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (1700 hours, 5/16/84)

- (A) Byron Bradd, General Battery representative on scene this date 1345 hours.
- (B) Weather: Clear, cool, breezy, 60's.
- (C) Site Conditions: Dry

II. ACTIONS TAKEN

- (A) OSC spoke with Kermit Rader at 0940 hours, this date, concerning the tenant eviction situation. Mr. Rader does not feel that the situation involves EPA at this time.
- (B) OSC spoke with James Fink (site resident) to set up decontamination of his home. Time is set for Monday 5/21/84 at 1:00.
- (C) Site activities this date concentrated on restoration.
- (D) OSC left site at 1600 hours this date to leave for a public meeting in Gettysburg, PA at 1430 hours.
- (E) OSC contacted CRL Dan Donnelly this date concerning using CRL for lead analysis on soil samples from the 5 Locks Road site. (Site assesment scheduled for next week.) Mr. Donnelly gave the okay for 30 samples 3-4 turnaround time.

III. FUTURE PLANS

- (A) Decontamination of the Noll's residence to commence 0800 hours tomorrow.
- (B) Site activities in the Phase II area to concentrate on restoration.



DAVID WRIGHT
JR OSC
EPA REGION III

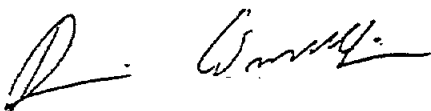
AR100693

II. ACTIONS TAKEN (cont)

- E) OSC spoke with Mrs Strausser this date and made arrangements for the decontamination of her residence on Saturday, May 19, 1984 at 0800 hours.
- F) TAT sampled soil in the residential areas this date (per CDC advisement) to rule out excessive lead contamination following site excavation/backfilling, etc. Samples to be analyzed through TAT special projects.
- G) OSC accompanied by TAT examined the road across the Schuylkill River where battery casings were used as fill. OSC and TAT discussed sampling procedures and possible dates for a TAT site assessment.

III. FUTURE PLANS

- A) House decontamination to begin this Thursday, May 17, 1984.
- B) Per OSC's conversation this date with Mrs Strausser, EPA's contractor will be performing the decontamination of the Strausser home but they do not wish for EPA to decontaminate clothing/personal effects, etc. OSC to give letter to the Straussers concerning the decontamination matters (per EPA Regional Counsel Advisement).
- C) OSC to contact Mr James Fink to schedule a date for decontamination of his home.
- D) OSC anticipates that the bulk of the heavy equipment work will be completed by 5/19/84.
- E) OSC to contact all concerned parties as to the date residents will be able to return to the site as soon as it is known.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100694

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 18, 1984, 1700 hours)

- (A) Weather: Cold, cloudy, mild winds
- (B) Site Conditions: Dry
- (C) Personnel on Site: BES - 9, TAT - 1, EPA - 1
- (D) Estimated Cost COB 5/17/84:

BES Ceiling	1209000.00
Estimated Cost of BES	<u>1126136.01</u>
	82863.99
Repair bill	<u>10000.00</u>
Remaining Funds for completion	72863.99

II. ACTIONS TAKEN

- (A) At 1200 hours OSC inspected and approved Mrs. Noll's mobile home. Was cleaned to CDC recommendation.
- (B) 15 loads of backfill were hauled in to be used at low lying locations throughout the site.
- (C) At 01430 hours the sheepsfoot was removed from the site.
- (D) At 1500 hours the results of six soil samples were verbally communicated to the TAT.
 - (1) SAMPLE AA - 740 ppm
LOCATION - South half of Strausser's property
 - (2) SAMPLE BB - 2280 ppm
LOCATION - North half of Strausser's property
 - (3) SAMPLE CC - 1160 ppm
LOCATION - South of Mrs. Noll's mobile home
 - (4) SAMPLE DD - 117 ppm
LOCATION - Between Mrs. Noll's mobile home and Mr. Fink's home
 - (5) SAMPLE EE - 595 ppm
LOCATION - North of Mr. Fink's home
 - (6) SAMPLE FF - 13144 ppm
LOCATION - Road around body shop
- (E) Further sample will be taken at SAMPLE FF location to explain and pinpoint high percent of lead.
- (F) 550 graded slopes around perimeters of primary disposal site.

AR100695

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 17, 1984; 1700 hours)

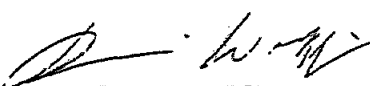
- (A) Weather: Sunny, calm wind, low 70's
- (B) Site Conditions: dry, improving daily
- (C) Personnel on site:
 - BES - 9
 - EPA - 1
 - TAT - 1

II. ACTIONS TAKEN

- (A) A three man crew began decontamination of Mrs. Noll's residence at 0800 hours. The decontamination will follow the criteria set forth by CDC.
- (B) The primary disposal site and its perimeters (Phase II) was graded entire day to facilitate drainage toward Mill Creek.
- (C) Laborers continued restoration work around homes.
- (D) At 1530 hours Mr. Doug Swyer spoke with the OSC about the condition of the road on which Mr. Swyer resides. This road was used by trucks to transport backfill and topsoil. He believes the road was badly damaged by these trucks.

III. FUTURE PLAN

- (A) OSC will inspect Mrs. Noll's residence to insure the CDC requirements are fulfilled.
- (B) OSC will investigate road damages and responsibilities.


DAVID WRIGHT
JR OSC
US EPA REGION III

AR100696

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 20, 1984, 1700 hours)

- (A) Weather: Sunny, warm, humid
- (B) Site conditions: damp
- (C) Personnel on site:

May 19, 1984

BES - 9

TAT - 1

EPA - 1

May 20, 1984

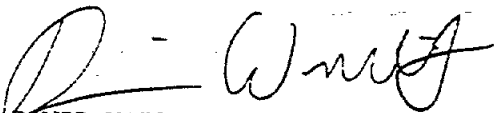
BES - 2

II. ACTION TAKEN

- (A) At 0800 hours BES crew began decontamination of Strausser's home. Crew completed job with OSC's approval at 1330 hours.
- (B) Concrete forms were constructed for side walk in front of Mr. Fink's home. The design was approved by T. Shaner (owner) and OSC.
- (C) No. 4 stone and modified stone was used to replace driveway to Mrs. Noll's garage.
- (D) Stone was placed in several low lying locations around building to aid drainage.

III. FUTURE PLANS

- (A) Begin moving supplies to site to begin fencing of primary disposal site.
- (B) Pour concrete for sidewalk in front of Mr. Fink's home.
- (C) Continue to monitor cost closely to remain within budget and maintain cost effectiveness.




DAVID WRIGHT
JR OSC
US EPA REGION III

AR100697

III. FUTURE PLANS

- (A) Complete cleaning/decontamination of Strausser and Fink's homes.
- (B) Finish final grooming/grading of Phase I and Phase II.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100698

- (G) Karen Larsen (FEMA) advised the OSC this date that the Nolls most likely would not be returning to the site.

III. FUTURE PLANS

- (A) Start putting up the fence with a planned completion date of May 25.
- (B) Continue to monitor cost closely so to complete project under ceiling.
- (C) OSC to give official notice to all parties (FEMA, PA Community Affairs, and Berks County Redevelopment Authority) on 5/23/84 that residents may begin moving in their belongings.
- (D) TAT to perform additional post completion soil samples to characterize current site conditions.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100699

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 21, 1984, 1700 hours)

- (A) Weather: Warm, humid, calm winds
- (B) Site conditions: Wet, muddy, standing water in a few locations
- (C) Personnel on site:
 - BES - 10
 - TAT -1
 - EPA -1
 - OIG -3
- (D) Region III Inspector General's Office representatives on scene at 0800 hrs. Three individuals on scene:
 - Michael Wall
 - Lawrence Gunn
 - Steve Pandza
- (E) Decontamination of the 3 residences on site complete as of this date. Decontamination of the homes has met the OSC's approval. OSC advised Karen Larsen (FEMA) of the situations.

II. ACTIONS TAKEN

- (A) 550 bulldozer graded low lying areas on perimeters of primary disposal site. Bulldozers were used to drain water standing in low lying locations.
- (B) At 1000 hours concrete arrived for the sidewalks in front of Mr. Fink's residence.
- (C) Fence supplies were delivered and placed around site.
- (D) At 1300 hours OSC and TAT inspected Mr. Fink's home and directed the BES decontamination of Fink's home. Plastic liner was placed in the crawl space under home in all accessible areas per CDC recommendations. OSC approved the decontamination at 1600 hours.
- (E) Mrs. Noll picked up some of her decontaminated clothes this date.
- (F) OSC spoke with Tim Farris, EPA - HQ contracts at 1045 hours this date. The OSC advised Mr. Farris that BES would be billing the fence at \$15 per linear foot and all materials, equipment, man-power and per diem would be included in the price. list all included items. Mr. Farris concurred.

AR100700

- (A) Relocation of residents back to the site to commence on 5/29/84.
- (B) Site activities to be completed: fencing, hydroseeding, minor restoration.
- (C) Weather for 5/23/84: Cloudy, 80's, showers and thunder showers.
- (D) 2 additional Inspector General reps to arrive on scene 5/24/84.



DAVID WRIGHT

JR OSC

US EPA REGION III

AR100701

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 22, 1984, 1700 hours)

(A) Personnel on site

EPA - 1
TAT - 1
OIG - 1
BES - 10

(B) Estimated Prime Contractor costs to date COB 5/21/84
1.158 million. Estimated funds to complete project, 50 K.

(C) Office of the Inspector General on scene this date.

(D) Site conditions: Drying, still wet in many locations.

(E) Weather: Sunny, breezy, warm 80's.

II. ACTIONS TAKEN

(A) Installation of fence posts continued this date.

(B) 550 dozer continued minor grading of the Phase II area.

(C) At 1110 hours this date Rich Baronowski informed the OSC that the 35 signs for the fence will cost approximately \$50.00.

(D) At 1415 hours this date Terry Shaner spoke with the OSC concerning the shut off water in the Noll's trailer and if EPA planned to put more gravel on the driveway. The OSC informed Mr. Shaner that he would investigate who shut the water off. The OSC requested that Mr. Shaner contact his plumber to inquire if he possibly shut the water off. The OSC also informed Mr. Shaner that we would be investigating the possibility of putting more gravel on the driveway.

(E) OSC informed Mike Katchmar of the Berks County Redevelopment Authority that May 29th would be the day to relocate the Straussers back to the site. As stated in earlier polreps it is not certain if the Nolls will be returning to the site.

(F) 2 of 3 representatives of the Office of the Inspector General left site at 1500 hours this date. Mike Wall to remain on scene.

(G) TAT performed post completion sampling of the drive Samples to be analyzed through TAT Special Projects

III. FUTURE PLANS

AR100702

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 23, 1984, 1700 hours)

- (A) Personnel on site:
 - EPA - 1
 - TAT - 1
 - OIG - 1
 - BES - 9
- (B) Estimated Prime Contractor cost to date COB 5/22/84 1.159 million. Estimated monies to complete project: 49K.
- (C) Mike Wall, Office of the Inspector General on scene this date from 0800 - 1415 hours.
- (D) Weather: Cloudy, warm 80's, showers and thunder showers.
- (E) Site conditions: extremely wet and muddy.

II. ACTIONS TAKEN

- (A) OSC spoke with property owner Terry Shaner from 1000 hours to 1100 hours this date concerning final site disposition. Mr. Shaner indicated he spoke with his plumber and his plumber did not shut off the water in the Noll's trailer. BES per OSC request to take care of the situation. Mr. Shaner informed the OSC that he also wanted his pine trees planted. OSC informed Mr. Shaner that this work would be performed.
- (B) OSC contacted Tim Farris (EPA - Contracts) at 1500 hours concerning the extension of the period of performance of the BES contract..see Special Bulletin "X".
- (C) TAT unable to complete post completion sampling due to heavy rains.
- (D) OSC informed William Kvaternik (PA Community Affairs) and Karen Larsen (FEMA) that residents could move back to the site on 5/29/84. It is still unresolved as to whether the Nolls will be returning to the site.
- (E) TAT Terry Jensen inspected the site during the heavy rains. TAT reported to the OSC that all water runoff was following constructed drainage ways.

III. FUTURE PLANS

- (A) TAT Bob Marguccio to substitute for TAT Terry Jensen. Mr. Jensen to return 5/25/84.


AR100703

SPECIAL BULLETIN X
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 23, 1984, 1540 hours)

- (A) Please forward to Pat Flynn, EPA Contacts, immediately
- (B) OSC requesting at 1500 hours this date through Tim Farris (EPA - Contracts) that the period of performance of the BES Contract # 68-93-0048 be extended from May 31, 1984 to June 15, 1984 due to weather related delays associated with fencing and hydroseeding. The cost of these two items will not increase but the OSC is concerned that some portion of these items may occur after May 31, 1984. If any work on these items is performed after the 31st, it would be due to weather.

NOTE: Work crews sent back to hotel at 1430 hours this date due to torrential rainfall. On site rain guage indicates that 1.5" of rain fell between 1430 and 1540 hours.



DAVID WRIGHT
JR OSC
US EPA REGION III

AR100704

SPECIAL BULLETIN Y
BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 24, 1984, 1030 hours)

- (A) OSC informed at 0940 hours by William Kvaternik (PA Community Affairs) that the Straussers would be moving in tomorrow, 5/25/84. OSC sees no problem as the majority of heavy equipment work is complete. Original date set for moving was 5/29/84 per POLREP # 124.

NOTE: Still no change in the Noll's situation according to William Kvaternik. Berks County Redevelopment Authority is investigating the possibility of obtaining Section 8 housing for the Nolls if they are not returning to the site.

DAVID WRIGHT
JR OSC
US EPA REGION III


AR100705

(B) Three representatives from the Office of the Inspector General to be on scene tomorrow 5/24/84.

(C) Site work schedule for Memorial Day weekend:

5/26 - ½ day
5/27 - NO work
5/28 - NO work

(D) The light is at the end of the tunnel.


DAVID WRIGHT
JR OSC
US EPA REGION III

AR100706

POLREP #126 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1630 hrs., May 25, 1984)

- A. Weather: Sunny, calm winds, warm (mid 70's).
- B. Site conditions: Generally dry with standing water in low-lying areas.
- C. Personnel on site:
BES - 6
EPA - 1
TAT - 2
- D. Estimated costs COB 5/25/84:
- | | |
|-------------------------------------|---------------------|
| Contractor ceiling | \$1,209,000.00 |
| Contractor's estimated costs | <u>1,161,476.29</u> |
| Remaining funds to complete project | \$ 47,523.71 |
- E. The posts for the fence are being installed three quarters around the perimeter of the primary disposal site.
- F. Strausser family began moving back into the house at 1700 hrs.

II. Actions Taken

- A. Terry Shaner, property owner, spoke with the OSC concerning the low-lying areas containing standing water and the roughness of the grade in Phase I. The OSC informed the contractor to pump out low-lying areas and to smooth out roughness of proposed lawn areas of Phase I.
- B. Fence posts and frames continuing to be installed around perimeter of primary disposal site.
- C. Soil sampling on road around body shop was completed. Twenty-three (23) total samples were taken and sent to Martel Labs. Results are expected on Wednesday, May 30, 1984.
- D. Cal Kendig, WESTON special consultant, arrived on site at 0830 hrs. for final criticisms of and suggestions for the project.
- E. Hydroseeding began today. Subcontractor raked surface of Phase I and Phase II areas. Phase II area was seeded and fertilized.

AR100707

BROWN'S BATTERY BREAKING SITE
TILDEN TOWNSHIP
BERKS COUNTY, PA

I. SITUATION (May 24, 1984; 1700 hours)


- (A) Weather: Sunny, calm winds, mid 70's
- (B) Site conditions: Generally dry, few wet muddy spots.
- (C) Personnel on site:
 - BES - 6
 - EPA - 1
 - TAT - 1
 - I.G. - 3

II. ACTIONS TAKEN

- (A) Fencing crew cementing corner posts and driving in fence posts with pneumatic post driver. Rolls of fence are placed on the fence line.
- (B) Three representatives of the I.G. office completed audit at 1500 hours.

III. FUTURE PLANS

- (A) OSC and TAT continue to monitor site conditions, weather, personnel and equipment to facilitate effective use of remaining funds.
- (B) Hydroseeding will commence as soon as site conditions permit.


DAVID WRIGHT
JR OSC
US EPA REGION III

AR100708

POLREP #127 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1200 hrs., May 26, 1984)

- A. Weather: Sunny, with scattered clouds, mid 70's and windy; thunderstorms are predicted for this afternoon.
- B. Site conditions: Generally dry with few muddy areas.
- C. Personnel on site:

BES	6
Hydroseeder	3
TAT	2
EPA	2
- D. Region III Senior OSC Tom Massey on scene examining site conditions and progress.

II. Actions Taken

- A. BES contractor working on fence. All posts are in place and approximately 50% of the framing is completed. Crew began to string fence.
- B. Mr. Leibensberger, operator of body shop, spoke with Tom Massey about more stone needed around body shop building. He said if more loads could be trucked in, he would be glad to spread the stone.
- C. Hydroseeding continued in Phase II area.

III. Future Plans

- A. OSC and TAT will continue to monitor costs and weather.

David P. Wright, OSC
U.S. EPA Region III

ETJ:lal

AR100709

POLREP #126 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

Page Two

III. Future Plans

- A. Contractor to continue installing fence with an expected completion date of June 1, 1984 (weather permitting).
- B. Subcontractor to continue hydroseeding of Phase I and Phase II areas with an expected completion date of May 31, 1984 (weather permitting).
- C. OSC and TAT continuing to monitor remaining funds closely.

David P. Wright, OSC
EPA, Region III

ETJ:lal

AR100710

SPECIAL BULLETIN "Z" - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1500 hrs., May 29, 1984)

- A. Showers to heavy rain all day. Site conditions are very wet and muddy. Site observers consider conditions to be wettest since the beginning of the project. Rip-rap area on south of site is almost completely submerged. Standing water around Fink's residence, Strausser's residence, the body shop, Noll's residence and perimeters of primary disposal site.
- B. Schuylkill River is four to five feet higher than observed on May 26, 1984. In several locations it is overflowing its banks.
- C. Mill Creek, on the south and west sides of site, has overflowed its banks, flooding fields to the west of the site.
- D. The OSC is extremely concerned about site conditions and remaining funds to complete the project.

II. Actions Taken

Due to site conditions and weather, work was suspended.

III. Future Plans

OSC unable to say when work will commence again. Rains are predicted to continue until Thursday, 5/31/84. OSC and TAT will monitor conditions and control costs.

David P. Wright, OSC
EPA Region III

ETJ:lal

AR100711

POLREP #128 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1030 hrs., May 29, 1984)

A. Weather: Raining! Showers to downpours are predicted to Friday.

B. Site conditions: The wettest since the beginning of construction according to site observers (TAT and contractor). South portion of primary disposal site, rip-rap liner area is submerged due to the backup of Mill Creek against the Schuylkill River. Perimeter drainage on north, south and east boundaries are restricted due to the flooding of Mill Creek. Large puddles of standing water exist 3/4 of the way around brick house (Fink's residence) and the boundary portion between road and Strausser's home is flooded. Numerous smaller puddles are scattered throughout the Phase I and II areas.

C. Personnel on site:

BES	4
TAT	2

II. Actions Taken

A. Contractor sent back to the hotel because of the terrible site conditions.

III. Future Plans

A. OSC extremely concerned about inclement weather possibly causing costs at the end of the project to increase. TAT, OSC and contractor examining all possible avenues to control costs.

David P. Wright, OSC
U.S. EPA Region III

ETJ:lal

AR100712

EPAOHM PHA

JU INFOMASTER 4-002893S152-001 C5/31/84
ICS IPMBNGZ DSP
2155628911 DGM TDSN TILDEN PA 203 05-31 0711A EST
TWX 7166700716 EPAOHM PHA
EMERGENCY RESPONSE
4213 EPA PHA

ATTN HENRY VANCLEAVE

BROWN'S BATTERY BREAKING SITE

TILDEN TOWNSHIP

BERK COUNTY PA

THIS IS A SPECIAL REPORT #2

I. SITUATION (MAY 30 1984 1500 HOURS)

- A. WEATHER: RAINING MOST OF DAY; VERY FROM SHOWERS TO HEAVY RAINS. AT PRESENT MOMENT RAINS HAVE STOP.
- B. SITE CONDITIONS: WET, MUDDY. WATER IS PONDING IN LOW LYING LOCATIONS.
- C. PERSONNEL AT SITE: BES-2
- D. BES PERSONNEL PUMPING WATER OUT OF LOW LYING LOCATIONS.
- E. SCHUYLKILL RIVER HAS CRUSTED AND WATER LEVEL IS GOING DOWN. WILL CHECK IS NO LONGER FLOODING AN OVERALL PHASE 2 AREA IS DRAINING WELL.
- F. CONRAIL REPRESENTATIVES OBSERVED SITE AND FENCE LOCATION THIS DATE. THEY SPOKE WITH BES PERSONNEL AND APPROVED FENCE LOCATION.

II. ACTIONS TAKEN:

- A. OSC SPOKE WITH BES (MARTHA BARANOWSKI) ON 5-29-84 CONCERNING CREDIT TO CONTRACTORS SEALING AS A RESULT OF DECREASE ON OVERHEAD OF TRANSPORTATION CHARGES (CLAY, BACKFILL, TOP SOIL, ETC) FOR MATERIAL FROM 15 PERCENT TO 7 PERCENT. THIS WAS VERIFIED 5/21/84 AND 5/30/84 THROUGH EPA CONTRACTS (TIM FARRIS AND PAT FLYNN). BES INFORMED THE OSC THE APPROXIMATELY \$20,000 WILL BE RETURNED TO THE CONTRACT COSTS AS A RESULT OF LOWER PERCENTAGE RATE. OSC PLANS TO UTILIZE THE \$20,000 TO PLET SITE RESTORATION AND EROSION CONTROL.

III. FUTURE PLANS:

- A. OSC WILL CONTACT PAST PROPERTY OWNERS AND RENTALS ABOUT TASK PONDING OF WATER AROUND DWELLING OF THE SITE.
- B. OSC, GAT AND KENDIG (WESTON SPECIAL INSTRUCTION CONSULTANT) WILL EXAMINE THE SITE TOMORROW 5/31/84 TO ACCESS DAMAGE COME RECENT HEAVY RAINS AND FLOODING. POSSIBLE METHOD WILL BE EVALUATED THAT MIGHT ELIMINATE PONDING AROUND RESIDENCE DWELLINGS.

DAVID WRIGHT
JR OSC
US EPA REGION III
DAVID WRIGHT

0717 EST

EPAOHM PHA

AR100713

EPAOR: PRA

WU INFOMASTER 4-004160S151-001 05/30/84
ICS IPHENGZ CSP
2155970496 DGM, TDBW PHILADELPHIA PA 242 05-30 0306A EST
TWX 7106700716 EPAOR: PRA
EMERGENCY RESPONSE
4213 EPA PRA

ATTENTION HENRY VAN CLEAVE

SPECIAL REPORT #1

BROWNS BATTERY BREAKING SITES TILDEN TOWNSHIP BURNES COUNTY PA

1. SITUATION CRITICAL 0820 HOURS MAY 30,
1984.

- A. AT 1735 HOURS ON MAY 29, 1984, OSC NOTIFIED BY EPA REGION III RESPONSE ROOM PERSONNEL THAT PROPERTY OWNER, TERRY SHAWER CONTACTED THE EMERGENCY NUMBER TO REPORT EXCESSIVE FLOODING OF THE SITE.
- B. OSC CONTACTED TERRY SHAWER AT 1740 HOURS ON MAY 29, 1984 TO DISCUSS THE SITUATION. MR. SHAWER WAS ONCE AGAIN UPSET WITH THE SITE SITUATION AND WAS VERY CONCERNED ABOUT THE FLOODING. HE FELT SOME OF THE FLOODING WAS DUE TO THE GRADE ON SITE.
- C. AT 1855 HOURS ON MAY 29, 1984, OSC NOTIFIED THOMAS MASSEY (CHIEF ERS) OF THE SITUATION.
- D. AT 1915 HOURS ON MAY 29, 1984, OSC CONTACTED THE CONTRACTOR AND ADVISED BES TO MONITOR FLOOD CONDITIONS.
- E. AT 0820 HOURS THIS DATE OSC ADVISED BY ON SITE PERSONNEL THAT THE SCHUYKILL RIVER IS WITHIN 1 FOOT OF GOING OVER ITS BANKS. ANOTHER 1.5 TO 2.0 INCHES OF RAIN ARE EXPECTED WITHIN THE NEXT 6 HOURS. CONTRACTOR IS ON SCENE MONITORING THE SITUATION.
- F. LOCAL ROADS IN THE AREA OF THE SITE ARE CLOSED DUE TO FLOOD WATERS.
- G. OSC CONCERNED THAT DAMAGE TO THE SITE CAUSED BY FLOODING MAY INCREASE COSTS OF THE PROJECT.
- H. CONTRACTOR IS ON SITE MOVING EQUIPMENT AWAY FROM FLOOD WATERS/
- I. DAMAGE TO THE SITE IS PRELIMINARILY ESTIMATED AT 20 TO 30 THOUSAND DOLLARS.

DAVID WRIGHT
JUNIOR ON SCENE COORDINATOR EPA REGION III

0818 EST

EPAOR: PRA

ARI00714

POLREP #130 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1700 hrs., June 1, 1984)

A. Weather: Sunny, with scattered clouds, calm winds, high 60''s.

B. Site conditions: Wet, muddy, standing water has been pumped or drained from site.

C. Personnel on site:

BES - 5
EPA - 1
TAT - 1
Weston - 1

II. Actions Taken

A. Cal Kendig discussed with OSC (David Wright) and TAT (Terry Jensen) and contractor (Richard Baranowski) regarding drainage problems. He suggested that more topsoil be placed in behind the brick house and to adjust the general grade of Phase I to the Northeast.

B. BES crew is putting in fence frames and stringing fence.

III. Future Plans

A. Repair damages from flooding and correct/remove any drainage problems so as to eliminate standing water, especially around the brick house.

David P. Wright, OSC
EPA, Region III

ETJ:lal

AR100715

POLREP #129 - Browns Battery Breaking Site
Tilden Township, Berks County, PA

I. Situation (1630 hrs., May 31, 1984)

- A. Weather: Sunny with a few scattered clouds, calm winds, high 60''s.
- B. Site conditions: Wet, muddy, standing water west of brick house.
- C. Estimated contractor cost and remaining funds COB:

Contractor Ceiling	\$1,209,000.00
Estimated costs	<u>1,162,934.00</u>
Remaining funds	\$ 46,066.00
Credit from Transportation Charge	22,000.00
Adjusted remaining Funds	<u>\$ 68,066.00</u>

- D. Results of analysis of soil samples taken on center of stone road around body shop indicate elevated readings in close proximity of exits to shop. These results indicate suspect lead contamination coming from paint in body shop. One-gallon cans have been observed with lead warning.

II. Actions Taken

- A. Cal Kendig, Weston construction consultant, evaluated site conditions from flooding. French drains, drainage and grade of site with respect to ponding of water was examined. OSC, TAT and Kendig concluded: 1) That drains were operating as planned; 2) further backfill was needed around brick house and 3) a grader was needed on Phase I area to remove low-lying areas.
- B. BES crew pumped water from low-lying areas.
- C. At 1440 hrs. Karen Larsen, FEMA, contacted OSC informing him as of this date FEMA activities are now terminated. NOTE: Karen Larsen informed OSC that moving expenses for Noll family will be available for one month. Noll's may not return to site, but may seek housing elsewhere.

III. Future Plans

- A. OSC and TAT continue to monitor costs closely to come in under ceiling.

David P. Wright, OSC
U.S. EPA Region III

ETJ:lal

AR100716