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BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR (BHWAR)

December 20, 2001

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**HEADING: 6. 0. . . RI/FS NONPOPULATED AREAS**

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**SUB-HEAD: 6. 9. 1. 1. Vol. 1 - Correspondence**

6. 9. 1. 1. Vol. 1 - 1077956 DOC ID: 98913  
DATE: 2/26/1998 PAGES: 27  
AUTHOR(S): Michael Thomas/Idaho Division of Environmental Quality ADDRESSEE(S):  
Bunker Hill Project Team  
Mary Kay Voytilla/EPA

DESCRIPTION: LONG TERM MANAGEMENT OF ACID MINE WATER FROM THE BUNKER HILL MINE AND  
ADDITIONAL DESIRED MINE-RELATED INVESTIGATIONS.

6. 9. 1. 1. Vol. 1 - 1083537 DOC ID: 106512  
DATE: 4/30/1998 PAGES: 1  
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):  
Rob Hanson/Idaho Division of Environmental Quality

DESCRIPTION: LETTER REGARDING MARCH CONFERENCE CALL DISCUSSING INVESTIGATION OF  
LONG-TERM WATER MANAGEMENT ISSUES.

6. 9. 1. 1. Vol. 1 - 1125279 DOC ID: 148412  
DATE: 5/8/1998 PAGES: 2  
AUTHOR(S): Michelle Girts/CH2M Hill, Inc. ADDRESSEE(S):  
Cami Grandinetti/EPA

DESCRIPTION: MEMORANDUM: REVIEW OF BUNKER HILL CONSTRUCTED WETLANDS REPORT,  
DRAFT FINAL, PREPARED BY U. S. BUREAU OF MINES.

6. 9. 1. 1. Vol. 1 - 1083528 DOC ID: 106514  
DATE: 6/19/1998 PAGES: 1  
AUTHOR(S): Patricia McGrath/EPA ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL REGARDING 06/01/1998 VERSION OF THE BUNKER HILL LONG-TERM WATER MANAGEMENT MEMO.

6. 9. 1. 1. Vol. 1 - 1083529 DOC ID: 106518  
DATE: 7/14/1998 PAGES: 28

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Robert Hopper/Placer Mining Co.

DESCRIPTION:

LETTER TRANSMITTING COPY OF A SCOPING MEMORANDUM PREPARED BY CH2M HILL FOR THE LONG-TERM MINE WATER MANAGEMENT EFFORT.

6. 9. 1. 1. Vol. 1 - 1083531 DOC ID: 106519  
DATE: 7/23/1998 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Geoffrey W. Harvey/Idaho Division of Environmental Quality

DESCRIPTION:

LETTER REGARDING THE SCOPING DOCUMENT FOR LONG-TERM MINE WATER MANAGEMENT EFFORTS AT THE BUNKER HILL MINE.

6. 9. 1. 1. Vol. 1 - 1083530 DOC ID: 106520  
DATE: 7/23/1998 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION:

LETTER REGARDING THE SCOPING DOCUMENT FOR LONG-TERM MINE WATER MANAGEMENT EFFORTS AT THE BUNKER HILL MINE.

6. 9. 1. 1. Vol. 1 - 1083524 DOC ID: 106521  
DATE: 8/14/1998 PAGES: 2

AUTHOR(S):  
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMO REGARDING ASSISTANCE FROM BOB HOPPER.

6. 9. 1. 1. Vol. 1 - 1083522 DOC ID: 106522  
DATE: 8/14/1998 PAGES: 3

AUTHOR(S):  
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMO: BUNKER HILL MINE WATER CONTROL COSTS.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1083525 DOC ID: 106508  
DATE: 8/26/1998 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Robert Hopper/Placer Mining Co.

DESCRIPTION: LETTER EXPLAINING REASONS FOR LONG TERM MINE WATER MANAGEMENT INVESTIGATION.

6. 9. 1. 1. Vol. 1 - 1125446 DOC ID: 149318  
DATE: 10/14/1998 PAGES: 9

AUTHOR(S):  
Bruce A. Woods/EPA

ADDRESSEE(S):  
Artemis Antipas/CH2M Hill, Inc.

DESCRIPTION: LETTER REQUESTING THAT CH2M HILL PROCURE LABORATORY SUPPORT TO CONDUCT A NUMBER OF ANALYSES FOR THE BUNKER HILL ACID MINE DRAINAGE PROJECT IN THE COEUR D'ALENE BASIN OF IDAHO, WITH ATTACHED RAP REQUEST AUTHORIZING THE PROCESS.

6. 9. 1. 1. Vol. 1 - 1083521 DOC ID: 106523  
DATE: 10/22/1998 PAGES: 5

AUTHOR(S):  
Jay Dehner/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Frances Parton/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMO REGARDING CIA SLUDGE DRYING BEDS.

6. 9. 1. 1. Vol. 1 - 1075345 DOC ID: 114244  
DATE: 11/2/1998 PAGES: 2

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Bunker Hill Mine Water Team

DESCRIPTION: MEMO REGARDING UNDERGROUND INSPECTION OF STOPES AT THE BUNKER HILL MINE WITH ATTACHED CONCEPTUAL MAP.

6. 9. 1. 1. Vol. 1 - 1125448 DOC ID: 149322  
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Bob Hopper/Bunker Hill Mining Co.

DESCRIPTION: LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE REMEDY DOCUMENT AND DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL DOCUMENT (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125449 DOC ID: 149325  
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Michael Thomas/Idaho Division of  
Environmental Quality

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE  
REMEDY DOCUMENT, DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL  
DOCUMENT AND DRAFT BUNKER HILL MINE CONTINGENCY PLAN (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125450 DOC ID: 149326  
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
James Dunn/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE  
REMEDY DOCUMENT, DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL  
DOCUMENT AND DRAFT BUNKER HILL MINE CONTINGENCY PLAN (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125451 DOC ID: 149327  
DATE: 1/25/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER PRESUMPTIVE  
REMEDY DOCUMENT, DRAFT BUNKER HILL MINE WATER CONCEPTUAL MODEL  
DOCUMENT AND DRAFT BUNKER HILL MINE CONTINGENCY PLAN (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125452 DOC ID: 149328  
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
James Dunn/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER  
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125453 DOC ID: 149329  
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Michael Thomas/Idaho Division of  
Environmental Quality

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER  
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT  
ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125454 DOC ID: 149330  
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER  
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125455 DOC ID: 149331  
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Ian H. von Lindern/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER  
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125456 DOC ID: 149332  
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Dale R. Ralston/Ralston Hydrologic  
Services

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER  
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125457 DOC ID: 149333  
DATE: 2/1/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Dale R. Ralston/Ralston Hydrologic  
Services

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER  
DIVERSIONS, BUNKER HILL MINE WATER PRESUMPTIVE REMEDY (WITHOUT  
ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1075351 DOC ID: 114251  
DATE: 2/4/1999 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Geoffrey W. Harvey/Idaho Division of  
Environmental Quality

DESCRIPTION:  
LETTER TRANSMITTING AND REQUESTING REVIEW OF MINE WATER DOCUMENTS  
(NOT ATTACHED).

6. 9. 1. 1. Vol. 1 - 1075352 DOC ID: 114253  
DATE: 2/4/1999 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER TRANSMITTING AND REQUESTING REVIEW OF MINE WATER DOCUMENTS (NOT ATTACHED).

6. 9. 1. 1. Vol. 1 - 1075363 DOC ID: 114280

DATE: 3/4/1999 PAGES: 2

AUTHOR(S):  
Nicholas I. Ceto/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER SUMMARIZING SUGGESTIONS FOR THE BUNKER HILL MINE WATER PRESUMPTIVE REMEDY.

6. 9. 1. 1. Vol. 1 - 1075337 DOC ID: 114218

DATE: 3/9/1999 PAGES: 30

AUTHOR(S):  
Orville Kiehn/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: MEMO REGARDING OBSERVATIONS MADE DURING A SITE VISIT AND ATTENDANCE AT THE 3/3-4/99 WORKSHOP IN SPOKANE.

6. 9. 1. 1. Vol. 1 - 1075365 DOC ID: 114287

DATE: 3/17/1999 PAGES: 3

AUTHOR(S):  
Orville Kiehn/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING POSSIBLE USE OF REVERSE OSMOSIS TECHNOLOGY.

6. 9. 1. 1. Vol. 1 - 1075368 DOC ID: 114311

DATE: 4/2/1999 PAGES: 4

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMO REGARDING FLOOD-STANLY RECONNAISSANCE PLAN BUNKER HILL MINE WATER MANAGEMENT PROJECT.

6. 9. 1. 1. Vol. 1 - 1075369 DOC ID: 114314

DATE: 4/7/1999 PAGES: 10

AUTHOR(S):  
Michael Thomas/Idaho Division of Environmental  
Quality

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Michael Thomas/Idaho Division of Environmental  
Quality

Mary Kay Voytilla/EPA

DESCRIPTION:

COMMENTS FROM DALE RALSTON ON THE 3/2-3/99 MEETING, MINE/WATER  
TREATMENT PROJECT, BUNKER HILL SUPERFUND SITE.

6. 9. 1. 1. Vol. 1 - 1075370 DOC ID: 114318  
DATE: 4/20/1999 PAGES: 3

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

4/22/99 MEETING AGENDA.

6. 9. 1. 1. Vol. 1 - 1075371 DOC ID: 114320  
DATE: 4/21/1999 PAGES: 2

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MEMO AND MEETING SUMMARY OF THE FLOOD-STANLY RECON MEETING.

6. 9. 1. 1. Vol. 1 - 1125043 DOC ID: 147901  
DATE: 4/28/1999 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Geoffrey W. Harvey/Idaho Division of  
Environmental Quality

DESCRIPTION:

LETTER TRANSMITTING THE 4/23/99 WORKING DRAFT BUNKER HILL MINE WATER  
AMD TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125044 DOC ID: 147902  
DATE: 4/28/1999 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION:

LETTER TRANSMITTING THE 4/23/99 WORKING DRAFT BUNKER HILL MINE WATER  
AMD TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125048 DOC ID: 147904  
DATE: 6/9/1999 PAGES: 2

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION:

LETTER PROVIDING A TRIP REPORT RELATIVE TO A MEETING DEALING WITH ACID  
WATER MITIGATION FROM THE BUNKER HILL MINE, 6/8/99 (ANNOTATED).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125049 DOC ID: 147905  
DATE: 6/25/1999 PAGES: 1  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Bob Hopper/Bunker Hill Mining Co.

Bill Hudson/CH2M Hill, Inc.

Michael Thomas/Idaho Division of  
Environmental Quality  
Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental  
Quality

DESCRIPTION: LETTER TRANSMITTING THE DRAFT FINAL BUNKER HILL MINE WATER TREATABILITY  
STUDY WORK PLAN (WITHOUT ATTACHMENT).

WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125050 DOC ID: 147906  
DATE: 7/9/1999 PAGES: 1  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Bob Hopper/Bunker Hill Mining Co.

Bill Hudson/CH2M Hill, Inc.

Michael Thomas/Idaho Division of  
Environmental Quality  
Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental  
Quality

DESCRIPTION: LETTER TRANSMITTING NEXT STEPS: AMD GENERATION MITIGATIONS TECHNICAL  
MEMORANDUM.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125052 DOC ID: 147908  
DATE: 7/14/1999 PAGES: 1  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER TRANSMITTING THE 6/99 DRAFT FINAL BUNKER HILL MINE WATER  
TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125053 DOC ID: 147909  
DATE: 7/14/1999 PAGES: 1  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Geoffrey W. Harvey/Idaho Division of  
Environmental Quality

DESCRIPTION: LETTER TRANSMITTING THE 6/99 DRAFT FINAL BUNKER HILL MINE WATER  
TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125054 DOC ID: 147910  
DATE: 7/22/1999 PAGES: 2

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
LETTER TRANSMITTING DRAFT HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER, BUNKER HILL MINE WATER MANAGEMENT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125055 DOC ID: 147911  
DATE: 7/26/1999 PAGES: 1

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE FINAL BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125056 DOC ID: 147912  
DATE: 7/28/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE MINE CONTINGENCY PLAN FOR THE BUNKER HILL MINE (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125057 DOC ID: 147913  
DATE: 7/28/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, ACID MINE DRAINAGE - BUNKER HILL MINE WATER CONCEPTUAL MODEL, AND COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS (WITHOUT ATTACHMENTS).

6. 9. 1. 1. Vol. 1 - 1125142 DOC ID: 148041  
DATE: 8/6/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT HANNA STOPE SLUDGE DISPOSAL MEMORANDUM (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125063 DOC ID: 147922  
DATE: 8/19/1999 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Robert Hopper/Placer Mining Co.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: LETTER DOCUMENTING REQUEST FOR ACCESS IN ORDER TO COMPLETE THE LAST SCHEDULED MINE WATER SAMPLING EVENT.

6. 9. 1. 1. Vol. 1 - 1125064 DOC ID: 147923  
DATE: 8/23/1999 PAGES: 1  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS (3,500-GPM CTP CAPACITY) (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125065 DOC ID: 147924  
DATE: 9/8/1999 PAGES: 1  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE FLOOD-STANLY ORE BODY IN-MINE RECONNAISSANCE REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125068 DOC ID: 147926  
DATE: 9/14/1999 PAGES: 1  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE ADDENDUM: BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125070 DOC ID: 147927  
DATE: 9/20/1999 PAGES: 1  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE DRAFT MEMORANDUM - EVALUATION OF POSSIBLE TMDL COMPLIANCE STRATEGIES - BUNKER HILL MINE WATER MANAGEMENT PROJECT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125073 DOC ID: 147930  
DATE: 9/24/1999 PAGES: 1  
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):  
Jack Gunderman/Coeur d'Alene Tribe

DESCRIPTION: LETTER TRANSMITTING FINAL DOCUMENTS PREPARED BY CH2MHILL PERTAINING TO THE BUNKER HILL MINE WATER INVESTIGATION (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125074 DOC ID: 147931  
DATE: 9/24/1999 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Geoffrey W. Harvey/Idaho Division of  
Environmental Quality

DESCRIPTION:  
LETTER TRANSMITTING FINAL DOCUMENTS PREPARED BY CH2MHILL PERTAINING  
TO THE BUNKER HILL MINE WATER INVESTIGATION (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125076 DOC ID: 147933  
DATE: 9/28/1999 PAGES: 4

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Orville Kiehn/EPA

Mary Kay Voytilla/EPA

DESCRIPTION:  
FAX LETTER TRANSMITTING COMMENTS AND OBSERVATIONS FROM D. RALSTON  
FROM A TOUR OF THE BUNKER HILL MINE ON 9/22-9/23/99.

6. 9. 1. 1. Vol. 1 - 1125077 DOC ID: 147934  
DATE: 10/5/1999 PAGES: 3

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

Mark Henry/CH2M Hill, Inc.

DESCRIPTION:  
LETTER PROVIDING IDEAS RELATIVE TO THE DESIGN AND CONSTRUCTION OF TEST  
WELLS WITHIN THE MILO CREEK DRAINAGE NEAR KELLOGG.

6. 9. 1. 1. Vol. 1 - 1125081 DOC ID: 147938  
DATE: 11/16/1999 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
MEMORANDUM REGARDING THE MILO BASIN PIEZOMETER MEETING WITH IDAHO  
DEPARTMENT OF LANDS WITH ATTACHED REPORT OF INSPECTION BY J. NICHOLS  
SUMMARIZING RECOMMENDATIONS.

6. 9. 1. 1. Vol. 1 - 1125082 DOC ID: 147939  
DATE: 11/19/1999 PAGES: 2

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
LETTER TRANSMITTING THE FLOW CHART FOR THE BUNKER HILL MINE WATER  
MANAGEMENT PROJECT.

6. 9. 1. 1. Vol. 1 - 1125083 DOC ID: 147940  
DATE: 11/23/1999 PAGES: 4

AUTHOR(S):  
ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Matt Germon/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM PRESENTING AN OUTLINE OF THE APPROACH TO BE USED FOR THE MITIGATION/TREATMENT EVALUATION FOR THE BUNKER HILL MINE WATER MANAGEMENT PROJECT.

6. 9. 1. 1. Vol. 1 - 1125144 DOC ID: 148042  
DATE: 1/13/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE MILE CREEK PIEZOMETER INSTALLATION MEMO (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125145 DOC ID: 148043  
DATE: 2/11/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE PHASE 1 TESTING RESULTS, BUNKER HILL MINE WATER TREATABILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125147 DOC ID: 148045  
DATE: 2/18/2000 PAGES: 1

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING AND REGARDING THE PRELIMINARY SCREENING FOR TMDL COMPLIANCE - DRAFT REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125148 DOC ID: 148046  
DATE: 2/24/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING SUPPLEMENT NO. 1B, BUNKER HILL MINE CONCEPTUAL MODEL (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125149 DOC ID: 148047  
DATE: 2/28/2000 PAGES: 12

AUTHOR(S):  
Mike Fitzgerald/TerraGraphics Environmental Engineering, Inc.

ADDRESSEE(S):  
Robert Hopper/New Bunker Hill Mining Co.

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mike Fitzgerald/TerraGraphics Environmental  
Engineering, Inc.

Michael Thomas/Idaho Division of  
Environmental Quality

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental  
Quality

DESCRIPTION:

MEMORANDUM REGARDING SELECTED MILO CREEK PERMANENT IMPROVEMENT  
PROJECT TOPICS RELATED TO THE UPPER MILO CREEK STRUCTURE, BUNKER HILL  
SUPERFUND SITE.

DOCUMENT DATED 2/29/00.  
WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125152 DOC ID: 148050  
DATE: 3/18/2000 PAGES: 2

AUTHOR(S):

Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):

Dick Glandzman/Unknown

Kirk Nordstrom/Unknown

John Riley/Pyrite Hydrochem

DESCRIPTION:

MEMORANDUM PRESENTING QUESTIONS RELATIVE TO MITIGATION/TREATMENT OF  
AMD FROM THE BUNKER HILL MINE.

6. 9. 1. 1. Vol. 1 - 1125155 DOC ID: 148053  
DATE: 5/3/2000 PAGES: 1

AUTHOR(S):

Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE FINAL TECHNICAL MEMORANDUM - ANALYSIS OF AMD  
SLUDGE DISPOSAL IN HANNA STOPE (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125156 DOC ID: 148054  
DATE: 5/4/2000 PAGES: 2

AUTHOR(S):

Michael F. Gearheard/EPA

ADDRESSEE(S):

Charles W. Moss/State of Idaho

DESCRIPTION:

LETTER PROVIDING PROJECT SCHEDULES FOR THE COEUR D'ALENE BASIN AND  
BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY  
PROCESSES.

6. 9. 1. 1. Vol. 1 - 1125157 DOC ID: 148055  
DATE: 5/5/2000 PAGES: 8

AUTHOR(S):

Mike Fitzgerald/TerraGraphics Environmental  
Engineering, Inc.

ADDRESSEE(S):

Rob Hanson/Idaho Division of Environmental  
Quality

Charles W. Moss/State of Idaho

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mike Fitzgerald/TerraGraphics Environmental Engineering, Inc.

Michael Thomas/Idaho Division of Environmental Quality

Nick Zilka/Idaho Division of Environmental Quality

DESCRIPTION:

MEMORANDUM TRANSMITTING THE WHITE PAPER FOR THE BUNKER HILL MINE WATER PROJECT AT THE BUNKER HILL SUPERFUND SITE.

6. 9. 1. 1. Vol. 1 - 1125158 DOC ID: 148056  
DATE: 5/24/2000 PAGES: 2

AUTHOR(S):  
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM REGARDING MISCELLANEOUS BUNKER HILL SITE PORTAL DISCHARGES.

6. 9. 1. 1. Vol. 1 - 1125161 DOC ID: 148059  
DATE: 8/30/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125162 DOC ID: 148060  
DATE: 8/31/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Dale R. Ralston/Ralston Hydrologic Services

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of Environmental Quality

Nick Zilka/Idaho Division of Environmental Quality

DESCRIPTION:

MEMORANDUM TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT (WITHOUT ATTACHMENT).

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125164 DOC ID: 148063  
DATE: 9/21/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Ben Cope/EPA

Patricia McGrath/EPA



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL TRANSMITTING THE DRAFT TREATABILITY REPORT FOR PHASE 2 BUNKER HILL MINE WATER, REQUESTING COMMENTS (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125168 DOC ID: 148080  
DATE: 10/2/2000 PAGES: 2

AUTHOR(S):  
C. Stephen Allred/Idaho Dept. of Environmental  
Quality

ADDRESSEE(S):  
Charles E. Findley/EPA

DESCRIPTION:

LETTER REGARDING STATE POLICY POSITIONS RELATIVE TO THE DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY DATED 8/29/00.

6. 9. 1. 1. Vol. 1 - 1125171 DOC ID: 148083  
DATE: 10/6/2000 PAGES: 2

AUTHOR(S):  
Sean Sheldrake/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY (RI/FS) STUDY REPORT.

6. 9. 1. 1. Vol. 1 - 1125245 DOC ID: 148084  
DATE: 10/9/2000 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Susan B. Martin/U. S. Fish and Wildlife  
Service

DESCRIPTION:

LETTER REGARDING ENDANGERED SPECIES ACT COORDINATION FOR THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 1. 1. Vol. 1 - 1125172 DOC ID: 148085  
DATE: 10/10/2000 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM REGARDING NEEDS FROM BOB HOPPER FOR IMPLEMENTATION AND OPERATION OF THE BUNKER HILL MINE WATER ALTERNATIVES.

6. 9. 1. 1. Vol. 1 - 1125173 DOC ID: 148086  
DATE: 11/6/2000 PAGES: 5

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Patt O'Flaherty/CH2M Hill, Inc.

Michael Thomas/Idaho Dept. of  
Environmental Quality  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: FAX TRANSMITTING AND REGARDING TCLP RESULTS FOR THREE SLUDGE SAMPLES COLLECTED IN 3/97.

6. 9. 1. 1. Vol. 1 - 1125175 DOC ID: 148089  
DATE: 11/20/2000 PAGES: 1  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE FINAL REPORT - PHASE 2 TESTING RESULTS, BUNKER HILL MINE WATER TREATABILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125246 DOC ID: 148090  
DATE: 11/20/2000 PAGES: 4  
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER TRANSMITTING REVISED SECTION 2.6 FROM THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY ON APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS, REQUESTING COMMENTS.  
WITH ATTACHED OVERNIGHT MAIL RECEIPT.

6. 9. 1. 1. Vol. 1 - 1125282 DOC ID: 148537  
DATE: 1/2/2001 PAGES: 5  
AUTHOR(S): Suzanne Audet/U. S. Fish and Wildlife Service ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING A LIST OF THREATENED AND ENDANGERED SPECIES FOR THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 1. 1. Vol. 1 - 1125283 DOC ID: 148540  
DATE: 1/23/2001 PAGES: 16  
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S): Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: FAX TRANSMITTING THE REVISED RISK ASSESSMENT SECTION (SECTION 2.5) FROM THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 1. 1. Vol. 1 - 1125458 DOC ID: 149334  
DATE: 1/30/2001 PAGES: 1  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: LETTER TRANSMITTING THE FINAL BUNKER HILL MINE WATER MANAGEMENT RI/FS REPORT (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125290 DOC ID: 148568  
DATE: 2/21/2001 PAGES: 36

AUTHOR(S):  
Marianne Deppman/EPA

ADDRESSEE(S):  
Jerry Cobb/Panhandle Health District

DESCRIPTION: LETTER TRANSMITTING THE INFORMATION PACKAGE FOR BUNKER HILL TASK FORCE - OPERABLE UNIT #3 - MINE WATER MANAGEMENT.

6. 9. 1. 1. Vol. 1 - 1125459 DOC ID: 149336  
DATE: 5/8/2001 PAGES: 4

AUTHOR(S):  
Bruce Means/EPA

ADDRESSEE(S):  
Michael F. Gearheard/EPA

DESCRIPTION: MEMORANDUM: NATIONAL REMEDY REVIEW BOARD RECOMMENDATIONS FOR THE BUNKER HILL SUPERFUND SITE.

6. 9. 1. 1. Vol. 1 - 1125460 DOC ID: 149337  
DATE: 5/14/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jennifer Byrne/EPA

Nicholas I. Ceto/EPA

Marianne Deppman/EPA

Mary Jane Nearman/EPA

Bill Riley/Unknown

DESCRIPTION: MEMORANDUM TRANSMITTING TWO DOCUMENTS CONTAINING BACKGROUND INFORMATION ON THE BUNKER HILL MINE: THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY EXECUTIVE STUDY AND A PACKAGE OF INFORMATION PREPARED FOR THE EPA NATIONAL REMEDY REVIEW BOARD.

WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125461 DOC ID: 149338  
DATE: 5/16/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER TRANSMITTING A COPY OF THE APRIL 2001 BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125462 DOC ID: 149339  
DATE: 6/7/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Bunker Hill Superfund Task Force

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Nick Zilka/Idaho Dept. of Environmental Quality

Bunker Hill Superfund Task Force

DESCRIPTION:

MEMORANDUM TRANSMITTING AND REQUESTING A REVIEW OF THE DRAFT BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN.

6. 9. 1. 1. Vol. 1 - 1125568 DOC ID: 149340

DATE: 6/11/2001 PAGES: 15

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

Sherry Krulitz/Shoshone County

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Robert Hopper/New Bunker Hill Mining Co.

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Jon Cantamessa/Shoshone County

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Jim Vergobbi/Shoshone County

Nick Zilka/Idaho Dept. of Environmental Quality

Mary Kay Voytilla/EPA

Randy Murray/Shoshone County Public Works Dept.

Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

MEMORANDUM: NOTICE OF UPCOMING OPPORTUNITY FOR PUBLIC COMMENT ON PROPOSED CLEANUP ACTIONS AT THE BUNKER HILL SUPERFUND SITE, TRANSMITTING A COPY OF THE EXECUTIVE STUDY OF THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

WITH 13 ADDITIONAL ADDRESSEES.

6. 9. 1. 1. Vol. 1 - 1125464 DOC ID: 149341

DATE: 6/11/2001 PAGES: 1

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

Jennifer Byrne/EPA

Marianne Deppman/EPA

Cami Grandinetti/EPA

Mary Jane Nearman/EPA

Bill Riley/Unknown

DESCRIPTION:

NOTICE OF THE BUNKER HILL MINE WATER PROPOSED PLAN AND PEER REVIEW BRIEFING SCHEDULED FOR 6/14/01.

WITH ELEVEN ADDITIONAL ADDRESSEES.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1125564 DOC ID: 149773  
DATE: 6/19/2001 PAGES: 18

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION:  
LETTER TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN, REQUESTING COMMENTS.

6. 9. 1. 1. Vol. 1 - 1125576 DOC ID: 149804  
DATE: 6/20/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
David Bunte/CH2M Hill, Inc.

DESCRIPTION:  
LETTER TRANSMITTING A CD-ROM COPY OF THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY, 4/01 (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125666 DOC ID: 150384  
DATE: 6/21/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION:  
LETTER TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125667 DOC ID: 150385  
DATE: 6/21/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Frederick E. Kirschner/Associated Environmental Scientists and Engineers,

DESCRIPTION:  
LETTER TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) REPORT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1125668 DOC ID: 150386  
DATE: 7/2/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
File

DESCRIPTION:  
MEMORANDUM INCORPORATING PREVIOUS ADMINISTRATIVE RECORDS INTO THE BUNKER HILL MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL ADMINISTRATIVE RECORD.

6. 9. 1. 1. Vol. 1 - 1125669 DOC ID: 150387  
DATE: 7/5/2001 PAGES: 1

AUTHOR(S):  
Marianne Deppman/EPA

ADDRESSEE(S):  
Shoshone Natural Resources Coalition

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Marianne Deppman/EPA

Timothy D. Arnold/Hecla Mining Co.

Geoffrey W. Harvey/Idaho Dept. of  
Environmental Quality

Doug Stiles/Hecla Mining Co.

Robin Stanley/SNRC Science Committee

DESCRIPTION:

MEMORANDUM TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT FACT SHEET 7/01, PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE - BUNKER HILL MINE WATER MANAGEMENT, 7/01, AND THE BUNKER HILL CTP DISCHARGE QUALITY AND MONITORING PLAN, 6/01 FOR REVIEW.

6. 9. 1. 1. Vol. 1 - 1126255 DOC ID: 154075

DATE: 7/12/2001 PAGES: 3

AUTHOR(S):

Michael F. Gearheard/EPA

ADDRESSEE(S):

Ron Roizen/Shoshone Natural Resources  
Coalition

DESCRIPTION:

LETTER IN RESPONSE TO AN INQUIRY REGARDING FUNDING THE SCIENCE COMMITTEE OF THE SHOSHONE NATURAL RESOURCES COALITION FOR REVIEW OF BUNKER HILL MINE WATER INVESTIGATION.

6. 9. 1. 1. Vol. 1 - 1126256 DOC ID: 154076

DATE: 7/24/2001 PAGES: 1

AUTHOR(S):

Kathy Zanetti/Shoshone Natural Resources Coalition

ADDRESSEE(S):

Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER REQUESTING AN EXTENSION ON THE PUBLIC COMMENT PERIOD FOR THE PROPOSED BUNKER HILL MINE WATER MANAGEMENT PLAN.

6. 9. 1. 1. Vol. 1 - 1126257 DOC ID: 154077

DATE: 7/29/2001 PAGES: 1

AUTHOR(S):

Kathy Zanetti/Shoshone Natural Resources Coalition

ADDRESSEE(S):

Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER OF INVITATION TO A MEETING ON 8/14/01.

6. 9. 1. 1. Vol. 1 - 1126265 DOC ID: 154085

DATE: 8/15/2001 PAGES: 1

AUTHOR(S):

Judy R. Smith/EPA

ADDRESSEE(S):

Laurel K. Christopher/Unknown

DESCRIPTION:

LETTER TRANSMITTING A COPY OF THE MEETING TRANSCRIPT FROM THE BUNKER HILL MINE WATER MANAGEMENT PUBLIC MEETING 7/31/01, WITHOUT ATTACHMENT.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 1. Vol. 1 - 1126266 DOC ID: 154086  
DATE: 8/27/2001 PAGES: 1

AUTHOR(S):  
Judy R. Smith/EPA

ADDRESSEE(S):  
Laurel K. Christopher/Unknown

DESCRIPTION:

LETTER TRANSMITTING THE RECORD OF DECISION FOR THE BUNKER HILL MINING AND METALLURGICAL COMPLEX (NON-POPULATED AREAS) 9/92 AND AN AMENDMENT TO THE ROD 9/6/96, NOTING THAT TWO COPIES OF THE PROPOSED PLAN FOR THE BUNKER HILL MINE WATER MANAGEMENT.

WERE SENT SEPARATELY (WITHOUT ATTACHMENTS).

6. 9. 1. 1. Vol. 1 - 1126267 DOC ID: 154087  
DATE: 8/29/2001 PAGES: 2

AUTHOR(S):  
Cara Steiner-Riley/EPA

ADDRESSEE(S):  
Julie McCaughan/Naegeli Reporting Corporation

DESCRIPTION:

LETTER REQUESTING A REVIEW OF THE TRANSCRIPT FOR THE PUBLIC MEETING PROPOSED PLAN FOR THE BUNKER HILL MINE WATER MANAGEMENT - PAGE 65, LINE 18 TO DETERMINE SPEAKERS WORDS.

THE PUBLIC MEETING: PROPOSED PLAN FOR BUNKER HILL MINE WATER MANAGEMENT TRANSCRIPT IS AVAILABLE IN FOLDER 20.4.4, DOCID 154126.

6. 9. 1. 1. Vol. 1 - 1126269 DOC ID: 154093  
DATE: 9/4/2001 PAGES: 27

AUTHOR(S):  
John P. Luster/Idaho District Court

ADDRESSEE(S):  
Asarco, Inc.

Coeur Silver Valley, Inc.

Hecla Mining Co.

Idaho Dept. of Environmental Quality

State of Idaho

DESCRIPTION:

MEMORANDUM OPINION AND ORDER RE: SUMMARY JUDGEMENT IN ASARCO ET AL V. STATE OF IDAHO ET AL.

6. 9. 1. 1. Vol. 1 - 1126273 DOC ID: 154094  
DATE: 9/18/2001 PAGES: 2

AUTHOR(S):  
Cara Steiner-Riley/EPA

ADDRESSEE(S):  
William F. Boyd/Unknown

DESCRIPTION:

TRANSMITTAL OF LETTER FROM NAEGLI REPORTING STATING THAT THEY ARE NOT WILLING TO CHANGE THE TRANSCRIPT OF THE KELLOGG PUBLIC MEETING TO REFLECT THE CHANGE DAVID BOND HAS REQUESTED.

THE PUBLIC MEETING: PROPOSED PLAN FOR BUNKER HILL MINE WATER MANAGEMENT TRANSCRIPT IS AVAILABLE IN FOLDER 20.4.4, DOCID 154126.

6. 9. 1. 1. Vol. 1 - 1126274 DOC ID: 154095  
DATE: 9/19/2001 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

William F. Boyd/Unknown

Cara Steiner-Riley/EPA

DESCRIPTION:

LETTER REGARDING WORDING DISAGREEMENT IN THE TRANSCRIPTION OF THE PUBLIC MEETING: PROPOSED PLAN FOR BUNKER HILL MINE WATER MANAGEMENT.

THE PUBLIC MEETING: PROPOSED PLAN FOR BUNKER HILL MINE WATER MANAGEMENT TRANSCRIPT IS AVAILABLE IN FOLDER 20.4.4 DOCID 154126.

6. 9. 1. 1. Vol. 1 - 1126407 DOC ID: 155378  
DATE: 11/5/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Suzanne Audet/U. S. Fish and Wildlife  
Service

DESCRIPTION:

LETTER TRANSMITTING A COPY OF THE JUNE 2001 BUNKER HILL MINE WATER MANAGEMENT BIOLOGICAL ASSESSMENT (WITHOUT ATTACHMENT).

6. 9. 1. 1. Vol. 1 - 1126408 DOC ID: 155379  
DATE: 11/7/2001 PAGES: 5

AUTHOR(S):  
Michael F. Gearheard/EPA

ADDRESSEE(S):  
Robin M. Anderson/EPA

DESCRIPTION:

RESPONSE TO NATIONAL REMEDY REVIEW BOARD RECOMMENDATIONS FOR THE BUNKER HILL SUPERFUND SITE.

**SUB-HEAD: 6. 9. 1. 2. Vol. 1 - Notes/E-Mail**

6. 9. 1. 2. Vol. 1 - 1046211 DOC ID: 96264  
DATE: 2/27/1998 PAGES: 19

AUTHOR(S):  
Jerry Lee/TerraGraphics Environmental Engineering, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

TRANSMITTAL MEMO AND ATTACHED BUNKER HILL LITERATURE REVIEW.

6. 9. 1. 2. Vol. 1 - 1083536 DOC ID: 106509  
DATE: 4/5/1998 PAGES: 22

AUTHOR(S):  
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMO PRESENTING THE RESULTS OF A ONE-DAY BRAINSTORM SESSION TO EVALUATE LONG-TERM WATER MANAGEMENT ISSUES.

6. 9. 1. 2. Vol. 1 - 1078434 DOC ID: 100424  
DATE: 4/6/1998 PAGES: 2

AUTHOR(S):  
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: FAX TRANSMITTAL OF SCHEMATIC FOR TELECONFERENCE ON LONG-TERM WATER MANAGEMENT.

6. 9. 1. 2. Vol. 1 - 1075338 DOC ID: 114219  
DATE: 4/20/1998 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Michael Thomas/Idaho Division of  
Environmental Quality  
Jim Stefanoff/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

Nick Zilka/Idaho Division of Environmental  
Quality

Jerry Lee/TerraGraphics Environmental  
Engineering, Inc.

Patricia McGrath/EPA

DESCRIPTION: E-mail concerning educational site visit regarding water treatment.

6. 9. 1. 2. Vol. 1 - 1098612 DOC ID: 126581  
DATE: 10/28/1998 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: EMAIL REGARDING FLUME INSTALLATION.

6. 9. 1. 2. Vol. 1 - 1098613 DOC ID: 126582  
DATE: 10/30/1998 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: EMAIL TRANSMITTING COMMENTS FROM JOHN WINTERS CONCERNING THE USE OF THE PHIL SHERIDAN FOR THE WEST FORK DIVERSION PIPING SYSTEM.

6. 9. 1. 2. Vol. 1 - 1125096 DOC ID: 148017  
DATE: 10/30/1998 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING CONSTRUCTION OF THE CIA SLUDGE DRYING BEDS.

6. 9. 1. 2. Vol. 1 - 1125097 DOC ID: 148018  
DATE: 11/3/1998 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Michael D. Mahoney/U. S. Army Corps of  
Engineers

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: E-MAIL REGARDING SLUDGE BEDS ON CIA.

6. 9. 1. 2. Vol. 1 - 1125098 DOC ID: 148019  
DATE: 11/5/1998 PAGES: 3

AUTHOR(S):  
Karen Dawson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL RESPONDING TO ISSUES REGARDING SLUDGE BEDS ON CIA.

6. 9. 1. 2. Vol. 1 - 1075347 DOC ID: 114246  
DATE: 11/16/1998 PAGES: 3

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: HANDWRITTEN FAX TRANSMITTING AND REGARDING PROJECT COMMENTS BY TERRAGRAPHICS.

6. 9. 1. 2. Vol. 1 - 1083520 DOC ID: 106506  
DATE: 11/17/1998 PAGES: 4

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
David Bunte/CH2M Hill, Inc.

Karen Dawson/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: SERIES OF E-MAIL MESSAGES REGARDING THE SLUDGE BEDS ON CIA.

6. 9. 1. 2. Vol. 1 - 1125500 DOC ID: 149381  
DATE: 12/1/1998 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Bob Hopper/Bunker Hill Mining Co.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: FAX TRANSMITTAL OF SAMPLING SCHEDULE FOR THE BUNKER HILL MINE WATER MANAGEMENT PROJECT (WITH HANDWRITTEN ANNOTATION).

6. 9. 1. 2. Vol. 1 - 1125501 DOC ID: 149386  
DATE: 12/15/1998 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: FAX PROVIDING INFORMATION ON THE COSTS OF PURCHASING OR RENTING DATA COLLECTION EQUIPMENT.

6. 9. 1. 2. Vol. 1 - 1075350 DOC ID: 114249  
DATE: 1/27/1999 PAGES: 1  
AUTHOR(S): Mary Kay Voytilla/EPA  
ADDRESSEE(S): Cami Grandinetti/EPA  
Nicholas I. Ceto/EPA  
Sean Sheldrake/EPA

DESCRIPTION: E-MAIL REGARDING REVIEW OF MINE WATER DOCUMENTS.

6. 9. 1. 2. Vol. 1 - 1075358 DOC ID: 114264  
DATE: 2/22/1999 PAGES: 1  
AUTHOR(S): Patricia McGrath/EPA  
ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL CONCERNING 2/25/99 MINE WATER CONFERENCE CALL.

6. 9. 1. 2. Vol. 1 - 1075360 DOC ID: 114272  
DATE: 3/1/1999 PAGES: 6  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc.  
ADDRESSEE(S): Unknown

DESCRIPTION: AMD OPTION TABLES FOR THE 3/2-3/99 PRESUMPTIVE REMEDY WORKSHOP.

6. 9. 1. 2. Vol. 1 - 1125262 DOC ID: 148314  
DATE: 3/3/1999 PAGES: 6  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc.  
ADDRESSEE(S): Unknown

DESCRIPTION: OPTIONS DEVELOPED AT THE PRESUMPTIVE REMEDY WORKSHOP #2.

6. 9. 1. 2. Vol. 1 - 1075367 DOC ID: 114308  
DATE: 3/31/1999 PAGES: 3  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc.  
ADDRESSEE(S): Chuck Gruenfelder/CH2M Hill, Inc.

DESCRIPTION: SERIES OF E-MAILS REGARDING MINE STORAGE QUESTIONS.

6. 9. 1. 2. Vol. 1 - 1098619 DOC ID: 126593  
DATE: 4/14/1999 PAGES: 1  
AUTHOR(S):  
ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: EMAIL REGARDING THE FLOOD-STANLEY RECONNAISSANCE PROGRAM.

6. 9. 1. 2. Vol. 1 - 1125099 DOC ID: 148020  
DATE: 4/28/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Jim Bushnell/CH2M Hill, Inc.

DESCRIPTION: E-MAIL PROVIDING A SUMMARY FROM B. HUDSON OF THE MSHA INSPECTION OF THE 3 LEVEL HOMESTAKE WORKINGS AT THE BUNKER HILL MINE.

6. 9. 1. 2. Vol. 1 - 1125103 DOC ID: 148022  
DATE: 5/17/1999 PAGES: 2

AUTHOR(S):  
John J. Barich/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING A REVIEW OF THE WORKING DRAFT BUNKER HILL MINE WATER AMD TREATABILITY STUDY WORK PLAN, 4/23/99.

6. 9. 1. 2. Vol. 1 - 1125114 DOC ID: 148024  
DATE: 7/28/1999 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Ben Cope/EPA

Patricia McGrath/EPA

DESCRIPTION: E-MAIL REQUESTING COMMENTS ON THE DRAFT HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 1. 2. Vol. 1 - 1125115 DOC ID: 148025  
DATE: 7/28/1999 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION: E-MAIL PROVIDING A BUNKER HILL MINE WATER PROJECT UPDATE.

6. 9. 1. 2. Vol. 1 - 1125117 DOC ID: 148026  
DATE: 8/23/1999 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING AN UPDATED SCHEDULE FOR THE AUTHORIZED NEXT STEPS TASKS.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 2. Vol. 1 - 1125121 DOC ID: 148027  
DATE: 9/2/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
E-MAIL SEEKING TO FIRM UP SCHEDULE FOR THE FIELD RECON AND FOLLOW-UP MEETING FOR THE GUY CAVING AREA, FLOOD STANLY SURFACE EXPRESSION, AND DEADWOOD CREEK/INEZ SHAFT WORK, ANNOTATED.

6. 9. 1. 2. Vol. 1 - 1125123 DOC ID: 148028  
DATE: 9/26/1999 PAGES: 1

AUTHOR(S):  
Orville Kiehn/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
E-MAIL PROVIDING A SUGGESTION FOR THE 9/29/99 MEETING.

6. 9. 1. 2. Vol. 1 - 1125129 DOC ID: 148030  
DATE: 11/5/1999 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
E-MAIL PROVIDING A PHONE NOTE FROM NAHIDE REGARDING GETTING SOUTH FORK AND PLACER CREEK FLOW DATA TO FILL IN A YEAR IN THE HYDROLOGY REPORT.

6. 9. 1. 2. Vol. 1 - 1125133 DOC ID: 148031  
DATE: 12/2/1999 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Dick Glanzman/CH2M Hill, Inc.

Dale R. Ralston/University of Idaho

Daniel K. Nordstrom/U. S. Geological Survey

John Riley/Pyrite Hydrochem

DESCRIPTION:  
E-MAIL ASKING THE QUESTION: WILL MITIGATIONS DESIGNED TO REDUCE INFILTRATION THROUGH THE FLOOD-STANLY ORE BODY RESULT IN A LONG-TERM NET REDUCTION IN METAL AND ACID LOAD FROM THE MINE?

6. 9. 1. 2. Vol. 1 - 1125134 DOC ID: 148032  
DATE: 12/3/1999 PAGES: 1

AUTHOR(S):  
Nick Zilka/Idaho Dept. of Environmental Quality

ADDRESSEE(S):  
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/University of Idaho

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Nick Zilka/Idaho Dept. of Environmental Quality

Michael Thomas/Idaho Division of  
Environmental Quality  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL REGARDING A 12/2/99 VISIT TO THE PHIL SHERIDAN ADIT REGARDING MINE WATER.

WITH ONE ADDITIONAL ADDRESSEE.

6. 9. 1. 2. Vol. 1 - 1125186 DOC ID: 148095  
DATE: 2/3/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Bruce A. Woods/EPA

DESCRIPTION:

E-MAIL REGARDING THE BUNKER HILL PHASE 2 TREATABILITY STUDY.

6. 9. 1. 2. Vol. 1 - 1125194 DOC ID: 148096  
DATE: 3/13/2000 PAGES: 3

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Nicholas I. Ceto/EPA

DESCRIPTION:

E-MAIL PROVIDING COST SUMMARIES FOR MINE WATER MONITORING OPTIONS.

6. 9. 1. 2. Vol. 1 - 1125198 DOC ID: 148098  
DATE: 4/24/2000 PAGES: 3

AUTHOR(S):  
Patricia McGrath/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE TREATABILITY STUDY RESULTS.

6. 9. 1. 2. Vol. 1 - 1125201 DOC ID: 148099  
DATE: 5/30/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.  
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic  
Services

Michael Thomas/Idaho Dept. of  
Environmental Quality  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING AND REGARDING THE BUNKER HILL IN-MINE MITIGATIONS MEMORANDUM (WITHOUT ATTACHMENT).

WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125203 DOC ID: 148100  
DATE: 6/16/2000 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Gary Hickman/CH2M Hill, Inc.

Ben Cope/EPA

Patricia McGrath/EPA

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

Bruce A. Woods/EPA

DESCRIPTION:

E-MAIL TRANSMITTING THE DRAFT TEST PLAN FOR THE PHASE 2B BUNKER HILL MINE WATER TREATABILITY STUDY, REQUESTING COMMENTS (WITHOUT ATTACHMENT).

WITH TEN ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125205 DOC ID: 148102  
DATE: 6/28/2000 PAGES: 1

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Ben Cope/EPA

DESCRIPTION:

E-MAIL REGARDING THE TMDL REVISED SPREAD SHEET CALCULATIONS.

6. 9. 1. 2. Vol. 1 - 1125209 DOC ID: 148106  
DATE: 7/10/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.  
Bill Hudson/CH2M Hill, Inc.  
  
Dale R. Ralston/Ralston Hydrologic  
Services  
Ian H. von Lindern/TerraGraphics  
Environmental Engineering, Inc.  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL REGARDING CONSIDERATIONS FOR INJECTION POOR QUALITY WATER 14 LEVEL.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125211 DOC ID: 148107  
DATE: 7/24/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Dale R. Ralston/Ralston Hydrologic  
Services

DESCRIPTION:

E-MAIL PROVIDING OBSERVATIONS ON STREAM FLOW IN THE WEST FORK OF MILO CREEK.

6. 9. 1. 2. Vol. 1 - 1125215 DOC ID: 148110  
DATE: 11/16/2000 PAGES: 1

AUTHOR(S):  
ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL FORWARDING A MESSAGE REGARDING INSTALLATION OF LOGGERS AT MILO CREEK.

6. 9. 1. 2. Vol. 1 - 1125502 DOC ID: 149393

DATE: 3/14/2001 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING COMPARISON OF TMDL TO IDAHO WATER QUALITY CRITERIA.

6. 9. 1. 2. Vol. 1 - 1125503 DOC ID: 149395

DATE: 4/17/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Daniel J. Audet/U. S. Fish and Wildlife Service  
David Fortier/U. S. Bureau of Land Management  
Jack Gunderman/Coeur d'Alene Tribe

Bill Putnam/U. S. Forest Service

Callie A. Ridolfi/Ridolfi Engineers and Associates, Inc.

DESCRIPTION: E-MAIL TRANSMITTING A COPY OF THE EXECUTIVE SUMMARY FROM THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (WITHOUT ATTACHMENT).

6. 9. 1. 2. Vol. 1 - 1125504 DOC ID: 149402

DATE: 4/20/2001 PAGES: 2

AUTHOR(S):  
Bob Kirkpatrick/U. S. Forest Service

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING THE NEW FOREST SERVICE CONTACT FOR BUNKER HILL.

6. 9. 1. 2. Vol. 1 - 1125505 DOC ID: 149405

DATE: 4/24/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Daniel J. Audet/U. S. Fish and Wildlife Service  
Robert Foley/U. S. Fish and Wildlife Service  
Jack Gunderman/Coeur d'Alene Tribe

Bob Kirkpatrick/U. S. Forest Service

Callie A. Ridolfi/Ridolfi Engineers and Associates, Inc.



DESCRIPTION:

E-MAIL REGARDING SELECTING A TIME FOR A PRESENTATION ON THE BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY RESULTS.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125506 DOC ID: 149410  
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Andrea Brooks/TerraGraphics Environmental  
Engineering, Inc.  
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic  
Services  
Jim Stefanoff/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental  
Quality

DESCRIPTION:

E-MAIL REQUESTING COMMENTS ON THE DRAFT BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN, TRANSMITTING SECTIONS FROM A GUIDE TO PREPARING SUPERFUND PROPOSED PLANS, RECORDS OF DECISION, AND OTHER REMEDY SELECTION DECISION DOCUMENTS (WITHOUT ATTACHMENT).

WITH ONE ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125507 DOC ID: 149419  
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Daniel J. Audet/U. S. Fish and Wildlife  
Service  
Julie K. Campbell/U. S. Fish and Wildlife  
Service  
Robert Foley/U. S. Fish and Wildlife  
Service  
Bob Kirkpatrick/U. S. Forest Service

Callie A. Ridolfi/Ridolfi Engineers and  
Associates, Inc.

DESCRIPTION:

E-MAIL REGARDING A PRESENTATION FOR TRUSTEES ON BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY RESULTS.

6. 9. 1. 2. Vol. 1 - 1125508 DOC ID: 149423  
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Andrea Brooks/TerraGraphics Environmental  
Engineering, Inc.  
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic  
Services  
Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

E-MAIL NOTING THAT A COPY OF THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY WILL BE TRANSMITTED.

WITH TWO ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125509 DOC ID: 149427  
DATE: 4/30/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL REQUESTING THAT A COPY OF THE FINAL REMEDIAL INVESTIGATION/FEASIBILITY STUDY BE SENT TO AN INCLUDED LIST OF INDIVIDUALS.

6. 9. 1. 2. Vol. 1 - 1125510 DOC ID: 149428  
DATE: 5/8/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Andrea Brooks/TerraGraphics Environmental Engineering, Inc.  
Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic Services  
Jim Stefanoff/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

E-MAIL TRANSMITTING A COPY OF THE DRAFT BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN, REQUESTING COMMENTS (WITHOUT ATTACHMENT).

WITH TEN ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125511 DOC ID: 149432  
DATE: 5/9/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jennifer Byrne/EPA

Nicholas I. Ceto/EPA

Marianne Deppman/EPA

Mary Jane Nearman/EPA

William M. Riley/EPA

DESCRIPTION:

E-MAIL REGARDING THE PEER REVIEW FOR BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN, TRANSMITTING EPA REGION 10 ENVIRONMENTAL CLEANUP OFFICE REMEDY SELECTION REVIEW GUIDANCE (WITHOUT ATTACHMENT).

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 1. 2. Vol. 1 - 1125512 DOC ID: 149437  
DATE: 5/15/2001 PAGES: 1  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jennifer Byrne/EPA

Nicholas I. Ceto/EPA

Marianne Deppman/EPA

Mary Jane Nearman/EPA

William M. Riley/EPA

DESCRIPTION: E-MAIL REGARDING THE BUNKER HILL MINE WATER PROPOSED PLAN PEER REVIEW BRIEFING.  
WITH SIX ADDITIONAL ADDRESSEES.

6. 9. 1. 2. Vol. 1 - 1125513 DOC ID: 149440  
DATE: 5/18/2001 PAGES: 2  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING WETLANDS TEXT AND CONSIDERATIONS FOR PROPOSED PLAN/ROD AMENDMENT.

6. 9. 1. 2. Vol. 1 - 1126275 DOC ID: 154096  
DATE: 6/26/2001 PAGES: 1  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Dale R. Ralston/Ralston Hydrologic Services  
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION: E-MAIL SERIES TRANSMITTING FACT SHEETS AND DRAFT PERMITS FOR LUCKY FRIDAY, COEUR, AND GALENA MINES (WITHOUT ATTACHMENTS).

6. 9. 1. 2. Vol. 1 - 1126276 DOC ID: 154097  
DATE: 6/26/2001 PAGES: 1  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jennifer Byrne/EPA

Charles W. Moss/State of Idaho

Dale R. Ralston/Ralston Hydrologic Services

Jim Stefanoff/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental Quality

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL REQUESTING INPUT REGARDING PLANNING FOR THE PUBLIC MEETING FOR THE BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN.

6. 9. 1. 2. Vol. 1 - 1126277 DOC ID: 154098  
DATE: 7/9/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Dale R. Ralston/Ralston Hydrologic Services

DESCRIPTION:

TRANSMITTAL OF THE BUNKER HILL CTP DISCHARGE QUALITY AND MONITORING PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 2. Vol. 1 - 1126278 DOC ID: 154099  
DATE: 7/9/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

TRANSMITTAL OF THE BUNKER HILL CTP DISCHARGE QUALITY AND MONITORING PLAN (WITHOUT ATTACHMENT).

6. 9. 1. 2. Vol. 1 - 1126279 DOC ID: 154100  
DATE: 7/9/2001 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Sarah Bigger/Office of Senator Crapo  
  
Phillip J. Cerner/Coeur d'Alene Tribe  
  
David Fortier/U. S. Bureau of Land Management  
Jack Gunderman/Coeur d'Alene Tribe  
  
Bob Kirkpatrick/U. S. Forest Service

DESCRIPTION:

E-MAIL TRANSMITTING THE BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN AND FACT SHEET, ALSO REGARDING THE PUBLIC MEETING 7/31/01 (WITHOUT ATTACHMENT).

6. 9. 1. 2. Vol. 1 - 1126280 DOC ID: 154101  
DATE: 7/17/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

TRANSMITTAL OF POWERPOINT SLIDES FOR REVIEW (WITHOUT ATTACHMENT).

6. 9. 1. 2. Vol. 1 - 1126281 DOC ID: 154102  
DATE: 7/18/2001 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING FILTER EQUIPMENT PROCUREMENT AND INSTALLATION TIME.

6. 9. 1. 2. Vol. 1 - 1126282 DOC ID: 154103  
DATE: 8/2/2001 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER TRANSMITTING A CD-ROM WITH POWERPOINT PRESENTATION GIVEN AT THE 7/31/01 PUBLIC MEETING IN KELLOGG AND A SET OF COLOR PRINTOUTS OF THE POWERPOINT SLIDES PRESENTED AT THE MEETING (WITHOUT ATTACHMENTS).

6. 9. 1. 2. Vol. 1 - 1126283 DOC ID: 154105  
DATE: 8/6/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Kathy Zanetti/Shoshone Natural Resources Coalition

DESCRIPTION: E-MAIL RESPONDING TO TWO LETTERS RECEIVED FROM ZANETTI, ONE REGARDING AN EXTENSION TO THE COMMENT PERIOD AND THE OTHER AN INVITATION TO A MEETING 8/14/01.

6. 9. 1. 2. Vol. 1 - 1126284 DOC ID: 154106  
DATE: 8/8/2001 PAGES: 3

AUTHOR(S):  
Judy R. Smith/EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION: E-MAIL TRANSMITTING AN ADVANCE COPY OF A NOTICE EXTENDING THE PUBLIC COMMENT PERIOD ON THE BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN.

6. 9. 1. 2. Vol. 1 - 1126285 DOC ID: 154107  
DATE: 8/15/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Kathy Zanetti/Shoshone Natural Resources Coalition

DESCRIPTION: E-MAIL REGARDING SETTING UP AN EPA MEETING WITH THE SNRC.

6. 9. 1. 2. Vol. 1 - 1126286 DOC ID: 154108  
DATE: 8/27/2001 PAGES: 1

AUTHOR(S):  
Judy R. Smith/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL REGARDING THE SNRC MEETING AND A REQUEST BY CHRISTOPHER FROM NBHMC FOR TWO COPIES OF THE PROPOSED PLAN AND 1992 ROD AND ROD AMENDMENT.

6. 9. 1. 2. Vol. 1 - 1126409 DOC ID: 155380  
DATE: 10/17/2001 PAGES: 3

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jerry Cobb/Panhandle Health District

DESCRIPTION:

E-MAIL TRANSMITTING THE COMMUNITY ACCEPTANCE SECTION FROM THE DRAFT ROD AMENDMENT FOR BUNKER HILL MINE WATER, WITH A REQUEST TO PASS IT ALONG TO THE BUNKER HILL TASK FORCE MEMBERS FOR REVIEW AND APPROVAL.

**SUB-HEAD: 6. 9. 1. 3. Vol. 1 - Meeting Agendas/Notes**

6. 9. 1. 3. Vol. 1 - 1125481 DOC ID: 149494  
DATE: 1/1/1998 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Cami Grandinetti/EPA  
  
Earl Liverman/EPA  
  
Sean Sheldrake/EPA

DESCRIPTION:

E-MAIL REGARDING THE UPCOMING BUNKER HILL MINE WATER WORKSHOP (WITH HANDWRITTEN ANNOTATIONS).

6. 9. 1. 3. Vol. 1 - 1125480 DOC ID: 149493  
DATE: 7/19/1998 PAGES: 22

AUTHOR(S):  
Joan Stoupa/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

BUNKER HILL LONG-TERM MINE WATER MANAGEMENT: DRAFT MINUTES FROM THE 7/16/98 SCOPING MEETING.

6. 9. 1. 3. Vol. 1 - 1075342 DOC ID: 114241  
DATE: 10/9/1998 PAGES: 2

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Bunker Hill Mine Water Team

DESCRIPTION:

AGENDA: BRAINSTORMING SESSION BUNKER HILL MINE WATER PROJECT WITH ATTACHED ANNOTATED RANGE OF OPTIONS FOR PRESUMPTIVE REMEDY.

6. 9. 1. 3. Vol. 1 - 1098610 DOC ID: 126575  
DATE: 10/16/1998 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Dale R. Ralston/University of Idaho

DESCRIPTION:

EMAIL REGARDING A MEETING ON 10/20/1998 ABOUT IN-MINE WATER DIVERSIONS AROUND ACID PRODUCING ZONES.

6. 9. 1. 3. Vol. 1 - 1075344 DOC ID: 114243  
DATE: 10/20/1998 PAGES: 1  
AUTHOR(S):  
Unknown

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MEETING SIGN-UP SHEET FROM 10/20/98 BUNKER HILL MINE WATER MANAGEMENT MEETING.

6. 9. 1. 3. Vol. 1 - 1075356 DOC ID: 114262  
DATE: 2/10/1999 PAGES: 1  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Bob Hopper/Bunker Hill Mining Co.

Orville Kiehn/EPA

Michael Thomas/Idaho Division of  
Environmental Quality

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental  
Quality

DESCRIPTION:

MEMORANDUM TRANSMITTING PRELIMINARY BUNKER HILL MINE WATER PRESUMPTIVE REMEDY WORKSHOP AGENDA.  
  
WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1075361 DOC ID: 114274  
DATE: 3/2/1999 PAGES: 13  
AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

John Riley/Pyrite Hydrochem

DESCRIPTION:

CHARTS, NOTES, AND DIAGRAMS FROM AMD CONCEPTUAL MODEL & INTERIM DATA EVALUATION BUNKER HILL MINE WATER PROJECT PRESENTATION.

6. 9. 1. 3. Vol. 1 - 1075362 DOC ID: 114277  
DATE: 3/3/1999 PAGES: 10  
AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

John Riley/Pyrite Hydrochem

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

CHARTS, NOTES, AND DIAGRAMS FROM COST/BENEFIT ANALYSIS SURFACE WATER DIVERSIONS BUNKER HILL MINE WATER PROJECT PRESENTATION.

6. 9. 1. 3. Vol. 1 - 1075364 DOC ID: 114278  
DATE: 3/3/1999 PAGES: 9

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

CHARTS, NOTES, AND DIAGRAMS FROM BUNKER HILL MINE WATER PRESUMPTIVE REMEDY WORKSHOP #2 PRESENTATION.

6. 9. 1. 3. Vol. 1 - 1125311 DOC ID: 148600  
DATE: 3/3/1999 PAGES: 6

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

AMD OPTIONS FROM THE PRESUMPTIVE REMEDY WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125482 DOC ID: 149495  
DATE: 3/3/1999 PAGES: 6

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

AMD CONCEPTUAL MODEL OPTIONS FROM THE PRESUMPTIVE REMEDY WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125483 DOC ID: 149496  
DATE: 3/25/1999 PAGES: 4

AUTHOR(S):  
Jerry Cobb/Panhandle Health District

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

AGENDA AND MINUTES FOR THE 3/25/99 BUNKER HILL SUPERFUND TASK FORCE MEETING.

6. 9. 1. 3. Vol. 1 - 1125137 DOC ID: 148033  
DATE: 9/30/1999 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MEETING AGENDA: BUNKER HILL MINE WATER INVESTIGATION, 9/29 AND 9/30.

6. 9. 1. 3. Vol. 1 - 1125139 DOC ID: 148035  
DATE: 10/15/1999 PAGES: 8

AUTHOR(S):  
Jay Dehner/CH2M Hill, Inc.

ADDRESSEE(S):  
Bill Hudson/CH2M Hill, Inc.



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Matt Germon/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Ken Green/CH2M Hill, Inc.

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Orville Kiehn/EPA

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Jay Dehner/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

Matt Germon/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

DRAFT MEETING SUMMARY: DRAFT RANKING SUMMARY OF NEXT STEP MITIGATIONS, 9/29/99 THROUGH 9/30/99, RECON FOLLOW UP MEETING.

WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1125249 DOC ID: 148232  
DATE: 1/19/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

BUNKER HILL MINE WATER MEETING AGENDA, ANNOTATED.

6. 9. 1. 3. Vol. 1 - 1125250 DOC ID: 148233  
DATE: 3/1/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION:

OUTLINE FOR BRIEFING WITH JACK GUNDERMAN OF COEUR D'ALENE TRIBE - BUNKER HILL MINE WATER INVESTIGATION.

6. 9. 1. 3. Vol. 1 - 1125251 DOC ID: 148234  
DATE: 3/9/2000 PAGES: 1

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

Dale R. Ralston/Ralston Hydrologic Services

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of Environmental Quality

Nick Zilka/Idaho Division of Environmental Quality

DESCRIPTION: E-MAIL PROVIDING A LIST OF ITEMS TO BRING TO THE BUNKER HILL MINE WATER MEETING.

6. 9. 1. 3. Vol. 1 - 1125252 DOC ID: 148245  
DATE: 3/15/2000 PAGES: 1  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Nicholas I. Ceto/EPA

Ben Cope/EPA

Dale R. Ralston/Ralston Hydrologic Services

Mary Kay Voytilla/EPA

Nick Zilka/Idaho Division of Environmental Quality

DESCRIPTION: E-MAIL PROVIDING THE LOCATION AND AGENDA FOR THE BUNKER HILL MINE WATER WORKSHOP, 3/14 THROUGH 3/15/00.

6. 9. 1. 3. Vol. 1 - 1125253 DOC ID: 148247  
DATE: 3/15/2000 PAGES: 6  
AUTHOR(S):  
Unknown

ADDRESSEE(S):  
Unknown

DESCRIPTION: PROGRESS REPORT HANDOUTS FROM THE BUNKER HILL MINE WATER WORKSHOP, 3/14 THROUGH 3/15/00.

6. 9. 1. 3. Vol. 1 - 1125254 DOC ID: 148249  
DATE: 3/16/2000 PAGES: 2  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM: NOTES FROM 3/14 AND 3/15/00 MINE WATER WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125255 DOC ID: 148251  
DATE: 3/20/2000 PAGES: 2  
AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING THE BUNKER HILL MINE WATER FEASIBILITY STUDY ISSUES DISCUSSED AT 3/15/00 WORKSHOP.

6. 9. 1. 3. Vol. 1 - 1125257 DOC ID: 148258  
DATE: 5/15/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Jay Dehner/CH2M Hill, Inc.

Matt Germon/CH2M Hill, Inc.

Ken Green/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL REGARDING THE 5/18/00 SPOKANE MEETING.  
WITH EIGHT ADDITIONAL ADDRESSEES.

6. 9. 1. 3. Vol. 1 - 1125258 DOC ID: 148259  
DATE: 5/22/2000 PAGES: 3

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM: BUNKER HILL MINE WATER FEASIBILITY STUDY (FS) ALTERNATIVES.

6. 9. 1. 3. Vol. 1 - 1125259 DOC ID: 148260  
DATE: 6/2/2000 PAGES: 5

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM: BUNKER HILL MINE WATER FEASIBILITY STUDY (FS) ALTERNATIVES.

6. 9. 1. 3. Vol. 1 - 1125260 DOC ID: 148261  
DATE: 7/11/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Robert J. York/CH2M Hill, Inc.

Nick Zilka/Idaho Dept. of Environmental  
Quality

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: E-MAIL PROVIDING A SCHEDULE OF ACTIVITIES FOR 7/13/00 AT THE BUNKER HILL SITE.

6. 9. 1. 3. Vol. 1 - 1125529 DOC ID: 149541  
DATE: 12/4/2000 PAGES: 23  
AUTHOR(S): EPA ADDRESSEE(S):  
Unknown

State of Idaho

DESCRIPTION: PROPOSED AGENDA FOR THE STEVE ALLRED/CHUCK FINDLEY MEETING ON BUNKER HILL MINE WATER MANAGEMENT ISSUES.  
  
REDACTED COPY, CONFIDENTIAL ORIGINAL COPY IN SITE FILE FOLDER 6.9.10 DOC ID: 149545.

6. 9. 1. 3. Vol. 1 - 1125141 DOC ID: 148037  
DATE: 2/1/2001 PAGES: 81  
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):  
National Remedy Review Board

DESCRIPTION: INFORMATION PACKAGE FOR NATIONAL REMEDY REVIEW BOARD, BUNKER HILL SUPERFUND SITE, OPERABLE UNIT #3 - MINE WATER MANAGEMENT.

6. 9. 1. 3. Vol. 1 - 1125312 DOC ID: 148601  
DATE: 2/27/2001 PAGES: 5  
AUTHOR(S): EPA ADDRESSEE(S):  
Unknown

DESCRIPTION: BUNKER HILL TASK FORCE MEETING ATTENDANCE SIGNATURE SHEET FROM THE BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY - OPTIONS AND ALTERNATIVES FOR SLUDGE DISPOSAL MEETING, WITH ATTACHED MEETING NOTES.

6. 9. 1. 3. Vol. 1 - 1125484 DOC ID: 149497  
DATE: 5/10/2001 PAGES: 11  
AUTHOR(S): Mary Kay Voytilla/EPA ADDRESSEE(S):  
Unknown

DESCRIPTION: NOTES FROM THE MEETING WITH NATURAL RESOURCE TRUSTEES ON THE BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY RESULTS.

6. 9. 1. 3. Vol. 1 - 1125485 DOC ID: 149498  
DATE: 6/7/2001 PAGES: 2  
AUTHOR(S): Rob Hanson/Idaho Dept. of Environmental Quality ADDRESSEE(S):  
Unknown

DESCRIPTION: AGENDA FOR THE BUNKER HILL SUPERFUND TASK FORCE MEETING.

6. 9. 1. 3. Vol. 1 - 1126287 DOC ID: 154111  
DATE: 7/31/2001 PAGES: 1  
AUTHOR(S): Panhandle Health District ADDRESSEE(S):  
Unknown

DESCRIPTION: AGENDA FOR THE BUNKER HILL SUPERFUND TASK FORCE MEETING 7/31/01.

6. 9. 1. 3. Vol. 1 - 1126288 DOC ID: 154112  
DATE: 7/31/2001 PAGES: 24  
AUTHOR(S): Unknown ADDRESSEE(S):  
Unknown

DESCRIPTION: PRESENTATION SLIDES FOR THE BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN.

6. 9. 1. 3. Vol. 1 - 1126296 DOC ID: 154144  
DATE: 7/31/2001 PAGES: 11  
AUTHOR(S): EPA ADDRESSEE(S):  
Unknown

DESCRIPTION: SIGN-IN SHEET AND SPEAKER REGISTRATION CARDS FOR BUNKER HILL MINE WATER MANAGEMENT MEETING.

**SUB-HEAD: 6. 9. 2. . Vol. 1 - Work Plan**

6. 9. 2. . Vol. 1 - 1083526 DOC ID: 106513  
DATE: 6/1/1998 PAGES: 27  
AUTHOR(S): Joan Stoupa/CH2M Hill, Inc. ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL LONG-TERM WATER MANAGEMENT - RESULTS OF CH2M HILL SCOPING SESSION.

6. 9. 2. . Vol. 1 - 1083533 DOC ID: 106516  
DATE: 7/7/1998 PAGES: 28  
AUTHOR(S): Joan Stoupa/CH2M Hill, Inc. ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL LONG-TERM WATER MANAGEMENT - RESULTS OF CH2M HILL SCOPING SESSION.

6. 9. 2. . Vol. 1 - 1078026 DOC ID: 99091  
DATE: 7/14/1998 PAGES: 16  
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

FAX TRANSMITTAL OF INFORMATION FOR SCOPING MEETING ON THE LONG TERM WATER MANAGEMENT ISSUES.

DOCUMENT LATER TRANSMITTED FROM MARY KAY VOYTILLA TO SEAN SHELDRAKE.

6. 9. 2. . Vol. 1 - 1121991      DOC ID:    147832  
DATE:        7/1/1999                PAGES:        54

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

FINAL BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN.

6. 9. 2. . Vol. 1 - 1125222      DOC ID:    148155  
DATE:        1/17/2000                PAGES:        7

AUTHOR(S):  
Gary Hickman/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: PHASE 2 TREATABILITY TEST APPROACH - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 2. . Vol. 1 - 1125223      DOC ID:    148158  
DATE:        2/24/2000                PAGES:        7

AUTHOR(S):  
Gary Hickman/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

BUNKER HILL MINE WATER TREATABILITY STUDY - PHASE 2A WORK PLAN.

6. 9. 2. . Vol. 1 - 1125225      DOC ID:    148160  
DATE:        7/25/2000                PAGES:        11

AUTHOR(S):  
Doug Hagan/Hydrokinetic Systems

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Gary Hickman/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - PHASE 2B WORK PLAN.

**SUB-HEAD: 6. 9. 2. 1. Vol. 1 - Comments/Evaluations and Responses**

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 2. 1. Vol. 1 - 1083535 DOC ID: 106510  
DATE: 4/21/1998 PAGES: 1

AUTHOR(S):  
Michael Thomas/Idaho Division of Environmental  
Quality

ADDRESSEE(S):  
Joan Stoupa/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: REVIEW COMMENTS ON THE 4/7/98 CH2M HILL BUNKER HILL LONG-TERM WATER  
MANAGEMENT - RESULTS OF CH2M HILL SCOPING SESSION MEMORANDUM.

6. 9. 2. 1. Vol. 1 - 1083534 DOC ID: 106511  
DATE: 4/28/1998 PAGES: 155

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Joan Stoupa/CH2M Hill, Inc.

DESCRIPTION: EPA COMMENTS ON CH2M HILL'S MEMO REGARDING 04/05/1998 BUNKER HILL  
LONG-TERM WATER MANAGEMENT - RESULTS OF SCOPING SESSION (SCOPING  
MEMO).

6. 9. 2. 1. Vol. 1 - 1083527 DOC ID: 106515  
DATE: 6/29/1998 PAGES: 2

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Jerry Lee/TerraGraphics Environmental  
Engineering, Inc.

DESCRIPTION: FAX TRANSMITTAL OF A LETTER FROM M. THOMAS TO M.K. VOYTILLA PROVIDING  
COMMENTS ON 06/01/1998 MEMO "BUNKER HILL LONG-TERM WATER MANAGEMENT -  
RESULTS OF CH2M HILL SCOPING SESSION".

6. 9. 2. 1. Vol. 1 - 1125102 DOC ID: 148021  
DATE: 5/14/1999 PAGES: 3

AUTHOR(S):  
Orville Kiehn/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE BUNKER HILL METAL LEACHING/ ACID MINE  
DRAINAGE MINE DISCHARGE WATER TREATABILITY STUDY WORK PLAN (WORKING  
DRAFT).

6. 9. 2. 1. Vol. 1 - 1125046 DOC ID: 147903  
DATE: 5/17/1999 PAGES: 3

AUTHOR(S):  
Patricia McGrath/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING COMMENTS ON THE WORKING DRAFT BUNKER HILL MINE  
WATER AMD TREATABILITY STUDY WORK PLAN.

6. 9. 2. 1. Vol. 1 - 1125051 DOC ID: 147907  
DATE: 7/10/1999 PAGES: 3

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Bruce A. Woods/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: QUALITY ASSURANCE UNIT COMMENTS ON THE 6/99 BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN.

6. 9. 2. 1. Vol. 1 - 1125181 DOC ID: 148093  
DATE: 1/21/2000 PAGES: 1

AUTHOR(S):  
Patricia McGrath/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE PHASE 2 TREATABILITY TEST APPROACH MEMORANDUM.

6. 9. 2. 1. Vol. 1 - 1125182 DOC ID: 148094  
DATE: 1/22/2000 PAGES: 1

AUTHOR(S):  
Bruce A. Woods/EPA

ADDRESSEE(S):  
Patricia McGrath/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS ON THE PHASE 2 TREATABILITY TEST APPROACH MEMORANDUM.

6. 9. 2. 1. Vol. 1 - 1125159 DOC ID: 148057  
DATE: 6/27/2000 PAGES: 3

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: E-MAIL TRANSMITTING COMMENTS FROM B. WOODS ON THE PHASE 2B TREATABILITY TESTING PLAN.

6. 9. 2. 1. Vol. 1 - 1125204 DOC ID: 148101  
DATE: 6/28/2000 PAGES: 3

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING A RESPONSE TO QA COMMENTS ON BUNKER HILL MINE WATER TREATABILITY STUDY DRAFT PHASE 2B WORK PLAN.

6. 9. 2. 1. Vol. 1 - 1125206 DOC ID: 148103  
DATE: 6/28/2000 PAGES: 1

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL REGARDING P. MCGRATH'S COMMENTS ON THE PHASE 2B TREATABILITY PLAN, ANNOTATED BY M. VOYTILLA 7/3/00.

6. 9. 2. 1. Vol. 1 - 1125207 DOC ID: 148104  
DATE: 6/28/2000 PAGES: 1

AUTHOR(S):  
Bruce A. Woods/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL REGARDING RESPONSES TO B. WOODS COMMENTS ON THE PHASE 2B TEST PLAN.

**SUB-HEAD: 6. 9. 3. . Vol. 1 - Sampling and Analysis Plans**

6. 9. 3. . Vol. 1 - 1075341 DOC ID: 114240  
DATE: 9/17/1998 PAGES: 5

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

DRAWING OF A 4X36 CUTTHROAT FLUME AND BACKGROUND INFORMATION.

6. 9. 3. . Vol. 1 - 1121992 DOC ID: 147833  
DATE: 10/1/1998 PAGES: 33

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT - QUALITY ASSURANCE PROJECT PLAN.

6. 9. 3. . Vol. 1 - 1125447 DOC ID: 149319  
DATE: 10/19/1998 PAGES: 1

AUTHOR(S):  
Bruce A. Woods/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER PROVIDING QUALITY ASSURANCE COMMENTS ON THE 10/98 QUALITY ASSURANCE PROJECT PLAN FOR BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 3. . Vol. 1 - 1121993 DOC ID: 147834  
DATE: 11/1/1998 PAGES: 24

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT - FIELD SAMPLING PLAN.

**SUB-HEAD: 6. 9. 4. . Vol. 1 - Sampling and Analysis Data**

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 1 - 1126315 DOC ID: 154262  
DATE: 2/29/1996 PAGES: 4

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR  
2/96.

6. 9. 4. . Vol. 1 - 1126316 DOC ID: 154263  
DATE: 4/14/1996 PAGES: 3

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Richard E. Fink/U. S. Army Corps of  
Engineers

DESCRIPTION:  
CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR  
3/96.

6. 9. 4. . Vol. 1 - 1126317 DOC ID: 154264  
DATE: 5/15/1996 PAGES: 5

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
U. S. Army Corps of Engineers

Richard E. Fink/U. S. Army Corps of  
Engineers  
Earl Liverman/EPA

DESCRIPTION:  
CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR  
4/96.

6. 9. 4. . Vol. 1 - 1126318 DOC ID: 154265  
DATE: 6/13/1996 PAGES: 3

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Richard E. Fink/U. S. Army Corps of  
Engineers

DESCRIPTION:  
CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR  
5/96.

6. 9. 4. . Vol. 1 - 1126319 DOC ID: 154266  
DATE: 6/30/1996 PAGES: 2

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR  
6/96.

6. 9. 4. . Vol. 1 - 1126320 DOC ID: 154267  
DATE: 7/31/1996 PAGES: 3

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Felix Spittler/Morrison Knudsen Corp.

R. Tucker/Unknown

DESCRIPTION: CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR 7/96.

6. 9. 4. . Vol. 1 - 1083576 DOC ID: 106950  
DATE: 9/16/1996 PAGES: 3

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Sheldrake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT (DMR) FOR AUGUST 1996.

6. 9. 4. . Vol. 1 - 1126321 DOC ID: 154268  
DATE: 9/30/1996 PAGES: 2

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION: CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR 9/96.

6. 9. 4. . Vol. 1 - 1126322 DOC ID: 154269  
DATE: 10/31/1996 PAGES: 2

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION: CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR 10/96.

6. 9. 4. . Vol. 1 - 1126323 DOC ID: 154270  
DATE: 11/30/1996 PAGES: 3

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION: CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) FOR 11/96.

6. 9. 4. . Vol. 1 - 1126324 DOC ID: 154271  
DATE: 12/31/1996 PAGES: 2

AUTHOR(S):  
Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION: CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) 12/96.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 1 - 1036859 DOC ID: 91323  
DATE: 2/18/1997 PAGES: 4

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT (DMR) FOR JANUARY, 1997.

6. 9. 4. . Vol. 1 - 1036860 DOC ID: 91324  
DATE: 3/17/1997 PAGES: 5

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shelldrake/EPA

DESCRIPTION: Discharge Monitoring Report (DMR) for February, 1997.

6. 9. 4. . Vol. 1 - 1036861 DOC ID: 91325  
DATE: 4/17/1997 PAGES: 6

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT (DMR) FOR MARCH, 1997.

6. 9. 4. . Vol. 1 - 1036862 DOC ID: 91326  
DATE: 5/20/1997 PAGES: 5

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Unknown

DESCRIPTION: MEMO AND DISCHARGE MONITORING REPORT FOR APRIL, 1997.

6. 9. 4. . Vol. 1 - 1080918 DOC ID: 100594  
DATE: 5/20/1997 PAGES: 6

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shelldrake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-04/97.

6. 9. 4. . Vol. 1 - 1080921 DOC ID: 100597  
DATE: 7/15/1997 PAGES: 6

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shelldrake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-07/97.

6. 9. 4. . Vol. 1 - 1080922 DOC ID: 100598  
DATE: 7/22/1997 PAGES: 6

AUTHOR(S):

ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Felix Spittler/Morrison Knudsen Corp.

Sean Shel Drake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-06/97.

6. 9. 4. . Vol. 1 - 1080923 DOC ID: 100599  
DATE: 8/19/1997 PAGES: 6

AUTHOR(S):  
Felix Spittler/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shel Drake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-07/97.

6. 9. 4. . Vol. 1 - 1080924 DOC ID: 100600  
DATE: 9/16/1997 PAGES: 6

AUTHOR(S):  
Don Ferguson/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shel Drake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-08/97.

6. 9. 4. . Vol. 1 - 1080925 DOC ID: 100601  
DATE: 10/15/1997 PAGES: 8

AUTHOR(S):  
Don Ferguson/Morrison Knudsen Corp.

ADDRESSEE(S):  
Cami Grandinetti/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-08/97.

6. 9. 4. . Vol. 1 - 1080928 DOC ID: 100604  
DATE: 11/11/1997 PAGES: 8

AUTHOR(S):  
Don Ferguson/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shel Drake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-10/97.

6. 9. 4. . Vol. 1 - 1080929 DOC ID: 100605  
DATE: 12/5/1997 PAGES: 11

AUTHOR(S):  
Don Ferguson/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shel Drake/EPA

DESCRIPTION: TRANSMITTAL OF DISCHARGE MONITORING REPORT-11/97.

6. 9. 4. . Vol. 1 - 1083579 DOC ID: 106953  
DATE: 1/12/1998 PAGES: 10

AUTHOR(S):  
Don Ferguson/Morrison Knudsen Corp.

ADDRESSEE(S):  
Sean Shel Drake/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: DISCHARGE MONITORING REPORT FOR DECEMBER 1997.

6. 9. 4. . Vol. 1 - 1083580 DOC ID: 106954  
DATE: 2/10/1998 PAGES: 12  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR JANUARY 1998.

6. 9. 4. . Vol. 1 - 1126325 DOC ID: 154272  
DATE: 3/12/1998 PAGES: 7  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): William E. Ingersoll/Morrison Knudsen Corp.

DESCRIPTION: CENTRAL WATER TREATMENT PLANT DISCHARGE MONITORING REPORT (DMR) AND EXCURSIONS REPORT DURING THE MONTH OF FEBRUARY, 1998.

6. 9. 4. . Vol. 1 - 1083581 DOC ID: 106955  
DATE: 4/9/1998 PAGES: 12  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR MARCH 1998.

6. 9. 4. . Vol. 1 - 1083582 DOC ID: 106956  
DATE: 5/20/1998 PAGES: 13  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR APRIL 1998.

6. 9. 4. . Vol. 1 - 1083583 DOC ID: 106957  
DATE: 6/18/1998 PAGES: 13  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR MAY 1998.

6. 9. 4. . Vol. 1 - 1083584 DOC ID: 106958  
DATE: 7/14/1998 PAGES: 16  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: DISCHARGE MONITORING REPORT FOR JUNE 1998.

6. 9. 4. . Vol. 1 - 1083585 DOC ID: 106959  
DATE: 8/18/1998 PAGES: 18  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR JULY 1998.

6. 9. 4. . Vol. 1 - 1083586 DOC ID: 106960  
DATE: 9/15/1998 PAGES: 14  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR AUGUST 1998.

6. 9. 4. . Vol. 1 - 1083587 DOC ID: 106961  
DATE: 9/21/1998 PAGES: 15  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR SEPTEMBER 1998.

6. 9. 4. . Vol. 1 - 1083588 DOC ID: 106962  
DATE: 11/19/1998 PAGES: 14  
AUTHOR(S): Don Ferguson/Morrison Knudsen Corp. ADDRESSEE(S): Sean Shelldrake/EPA

DESCRIPTION: DISCHARGE MONITORING REPORT FOR OCTOBER 1998.

6. 9. 4. . Vol. 1 - 1098745 DOC ID: 127558  
DATE: 12/11/1998 PAGES: 14  
AUTHOR(S): Don Ferguson/Unknown ADDRESSEE(S): W. Ingersoll/Unknown

DESCRIPTION: MEMORANDUM REGARDING EXCURSIONS DURING THE MONTH OF NOVEMBER.

6. 9. 4. . Vol. 1 - 1121994 DOC ID: 147861  
DATE: 1/11/1999 PAGES: 17  
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S): Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26610, SDG: MJAE27

6. 9. 4. . Vol. 1 - 1121995      DOC ID: 147862  
DATE: 1/11/1999      PAGES: 6  
AUTHOR(S):      ADDRESSEE(S):  
Laura Castrilli/EPA      Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26610, SDG: MJAE38.

6. 9. 4. . Vol. 1 - 1121996      DOC ID: 147863  
DATE: 1/11/1999      PAGES: 16  
AUTHOR(S):      ADDRESSEE(S):  
Laura Castrilli/EPA      Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26610, SDG: MJAE16.

6. 9. 4. . Vol. 1 - 1098746      DOC ID: 127559  
DATE: 1/19/1999      PAGES: 13  
AUTHOR(S):      ADDRESSEE(S):  
Debbie Angell/Morrison Knudsen Corp.      W. Ingersoll/Unknown

DESCRIPTION: MEMO REGARDING CENTRAL TREATMENT PLANT OPERATIONS FOR THE MONTH OF DECEMBER 1998.

6. 9. 4. . Vol. 1 - 1121997      DOC ID: 147864  
DATE: 1/26/1999      PAGES: 19  
AUTHOR(S):      ADDRESSEE(S):  
Laura Castrilli/EPA      Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26698, SDG: MJAE40.

6. 9. 4. . Vol. 1 - 1121998      DOC ID: 147865  
DATE: 1/28/1999      PAGES: 38  
AUTHOR(S):      ADDRESSEE(S):  
Laura Castrilli/EPA      Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL UN-VALIDATED DATA FOR CASE: 26799, SDGS: MJAF06 & MJAF24.

6. 9. 4. . Vol. 1 - 1121999      DOC ID: 147866  
DATE: 2/4/1999      PAGES: 26  
AUTHOR(S):      ADDRESSEE(S):



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Laura Castrilli/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26738, SDG: MJAE54.

6. 9. 4. . Vol. 1 - 1122000 DOC ID: 147867  
DATE: 2/4/1999 PAGES: 11

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26738, SDG: MJAE74.

6. 9. 4. . Vol. 1 - 1098747 DOC ID: 127560  
DATE: 2/16/1999 PAGES: 9

AUTHOR(S):  
Debbie Angell/Morrison Knudsen Corp.

ADDRESSEE(S):  
William E. Ingersoll/Morrison Knudsen Corp.

DESCRIPTION: MEMO REGARDING CENTRAL TREATMENT PLANT OPERATIONS FOR THE MONTH OF JANUARY 1999.

6. 9. 4. . Vol. 1 - 1125001 DOC ID: 147868  
DATE: 3/1/1999 PAGES: 18

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26747, SDG: MJAE88.

6. 9. 4. . Vol. 1 - 1125002 DOC ID: 147869  
DATE: 3/1/1999 PAGES: 18

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26747, SDG: MJAE80.

6. 9. 4. . Vol. 1 - 1098748 DOC ID: 127561  
DATE: 3/8/1999 PAGES: 23

AUTHOR(S):  
Debbie Angell/Morrison Knudsen Corp.

ADDRESSEE(S):  
William E. Ingersoll/Morrison Knudsen Corp.

DESCRIPTION: CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR THE MONTH OF FEBRUARY 1999.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 1 - 1098749 DOC ID: 127562  
DATE: 4/12/1999 PAGES: 9

AUTHOR(S):  
Debbie Angell/Morrison Knudsen Corp.

ADDRESSEE(S):  
Michael D. Mahoney/U. S. Army Corps of  
Engineers

DESCRIPTION:  
CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR  
THE MONTH OF MARCH 1999.

6. 9. 4. . Vol. 1 - 1125003 DOC ID: 147870  
DATE: 4/12/1999 PAGES: 26

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26799, SDG:  
MJAF24.

6. 9. 4. . Vol. 1 - 1125004 DOC ID: 147871  
DATE: 4/12/1999 PAGES: 22

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26799, SDG:  
MJAF06.

6. 9. 4. . Vol. 1 - 1125005 DOC ID: 147872  
DATE: 4/15/1999 PAGES: 17

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26852, SDG:  
MJAF64.

6. 9. 4. . Vol. 1 - 1125006 DOC ID: 147873  
DATE: 4/15/1999 PAGES: 26

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:  
BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26852, SDG:  
MJAF44.

6. 9. 4. . Vol. 1 - 1125093 DOC ID: 147957  
DATE: 4/28/1999 PAGES: 12

AUTHOR(S):  
Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

John Riley/Pyrite Hydrochem

Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: SUPPLEMENT NO. 1A - CONCEPTUAL MODEL INTERIM DATA SUMMARY FOR THE 1998/1999 MONITORING PROGRAM - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 4. . Vol. 1 - 1098750 DOC ID: 127563  
DATE: 5/7/1999 PAGES: 9

AUTHOR(S):  
Debbie Angell/Morrison Knudsen Corp.

ADDRESSEE(S):  
Michael D. Mahoney/U. S. Army Corps of Engineers

DESCRIPTION:

CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR THE MONTH OF APRIL 1999.

6. 9. 4. . Vol. 1 - 1125007 DOC ID: 147874  
DATE: 5/12/1999 PAGES: 25

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26891, SDG: MJAF76.

6. 9. 4. . Vol. 1 - 1125008 DOC ID: 147875  
DATE: 5/12/1999 PAGES: 17

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26891, SDG: MJAH52.

**SUB-HEAD: 6. 9. 4. . Vol. 2 - Sampling and Analysis Data**

6. 9. 4. . Vol. 2 - 1125009 DOC ID: 147876  
DATE: 6/14/1999 PAGES: 4

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26747, SDG: MJAE80 - RE-ANALYSIS FOR ZINC ON SAMPLE MJAE80.

6. 9. 4. . Vol. 2 - 1125010 DOC ID: 147877  
DATE: 6/17/1999 PAGES: 14

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26932, SDG: MJAH64.

6. 9. 4. . Vol. 2 - 1125011 DOC ID: 147879  
DATE: 6/17/1999 PAGES: 25  
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26932, SDG: MJAH74.

6. 9. 4. . Vol. 2 - 1098751 DOC ID: 127564  
DATE: 6/21/1999 PAGES: 9  
AUTHOR(S): Debbie Angell/Morrison Knudsen Corp. ADDRESSEE(S):  
Michael D. Mahoney/U. S. Army Corps of  
Engineers

DESCRIPTION: CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR THE MONTH OF MAY 1999.

6. 9. 4. . Vol. 2 - 1098752 DOC ID: 127565  
DATE: 7/9/1999 PAGES: 8  
AUTHOR(S): Debbie Angell/Morrison Knudsen Corp. ADDRESSEE(S):  
Michael D. Mahoney/U. S. Army Corps of  
Engineers

DESCRIPTION: CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR THE MONTH OF JUNE 1999.

6. 9. 4. . Vol. 2 - 1125012 DOC ID: 147880  
DATE: 7/21/1999 PAGES: 19  
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27004, SDG: MJAJ11.

6. 9. 4. . Vol. 2 - 1125013 DOC ID: 147881  
DATE: 7/28/1999 PAGES: 20  
AUTHOR(S): Laura Castrilli/EPA ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 26965, SDG: MJAH96.

6. 9. 4. . Vol. 2 - 1125014 DOC ID: 147882  
DATE: 8/9/1999 PAGES: 24  
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Laura Castrilli/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27067, SDG: MJAJ25.

6. 9. 4. . Vol. 2 - 1125015 DOC ID: 147883  
DATE: 8/18/1999 PAGES: 23

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27105, SDG: MJAK27.

6. 9. 4. . Vol. 2 - 1098753 DOC ID: 127566  
DATE: 8/20/1999 PAGES: 8

AUTHOR(S):  
Debbie Angell/Morrison Knudsen Corp.

ADDRESSEE(S):  
Michael D. Mahoney/U. S. Army Corps of Engineers

DESCRIPTION: CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR THE MONTH OF JULY 1999.

6. 9. 4. . Vol. 2 - 1125016 DOC ID: 147884  
DATE: 8/25/1999 PAGES: 17

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27105, SDG: MJAK44.

6. 9. 4. . Vol. 2 - 1125017 DOC ID: 147885  
DATE: 9/16/1999 PAGES: 15

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27168, SDG: MJAK56.

6. 9. 4. . Vol. 2 - 1098754 DOC ID: 127567  
DATE: 9/27/1999 PAGES: 15

AUTHOR(S):  
Debbie Angell/Morrison Knudsen Corp.

ADDRESSEE(S):  
Richard E. Fink/U. S. Army Corps of Engineers

DESCRIPTION: CENTRAL TREATMENT PLANT OPERATIONS DISCHARGE MONITORING REPORT FOR THE MONTHS OF AUGUST AND SEPTEMBER 1999.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 2 - 1125094 DOC ID: 147958  
DATE: 10/4/1999 PAGES: 5

AUTHOR(S):  
Nahide Gulensoi/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: HANNA STOPE WATER QUALITY SAMPLE RESULTS.

6. 9. 4. . Vol. 2 - 1125018 DOC ID: 147886  
DATE: 10/6/1999 PAGES: 17

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27252, SDG: MJAK65.

6. 9. 4. . Vol. 2 - 1126326 DOC ID: 154273  
DATE: 10/7/1999 PAGES: 11

AUTHOR(S):  
Don Ferguson/Hydrometrics, Inc.

ADDRESSEE(S):  
Richard E. Fink/U. S. Army Corps of  
Engineers

DESCRIPTION: CENTRAL TREATMENT PLANT - SEPTEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 9/13/99 THROUGH 9/30/99.

6. 9. 4. . Vol. 2 - 1126328 DOC ID: 154274  
DATE: 11/4/1999 PAGES: 17

AUTHOR(S):  
Don Ferguson/Hydrometrics, Inc.

ADDRESSEE(S):  
Richard E. Fink/U. S. Army Corps of  
Engineers

DESCRIPTION: CENTRAL TREATMENT PLANT - OCTOBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 10/1/99 THROUGH 10/31/99.

6. 9. 4. . Vol. 2 - 1125019 DOC ID: 147887  
DATE: 11/24/1999 PAGES: 25

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27338, SDG: MJAK77.

6. 9. 4. . Vol. 2 - 1125020 DOC ID: 147888  
DATE: 11/24/1999 PAGES: 15

AUTHOR(S):  
Laura Castrilli/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: BUNKER HILL CLP METALS ANALYSIS, DATA VALIDATION - CASE: 27338, SDG: MJAK97.

6. 9. 4. . Vol. 2 - 1125095 DOC ID: 147959  
DATE: 11/24/1999 PAGES: 14

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Gary Hickman/CH2M Hill, Inc.

Patricia McGrath/EPA

Mary Kay Voytilla/EPA

Bruce A. Woods/EPA

Robert J. York/CH2M Hill, Inc.

DESCRIPTION: E-MAIL TRANSMITTING THE TECHNICAL MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - SUMMARY OF PHASE 1 RESULTS TO DATE.

6. 9. 4. . Vol. 2 - 1126327 DOC ID: 154275  
DATE: 11/30/1999 PAGES: 13

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - NOVEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 11/1/99 THROUGH 11/30/99.

6. 9. 4. . Vol. 2 - 1126329 DOC ID: 154276  
DATE: 12/31/1999 PAGES: 13

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - DECEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 12/1/99 THROUGH 12/31/99.

6. 9. 4. . Vol. 2 - 1125226 DOC ID: 148161  
DATE: 1/3/2000 PAGES: 4

AUTHOR(S):  
Gary Hickman/CH2M Hill, Inc.

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - PHASE 1 FOLLOW-UP TESTING RESULTS.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 2 - 1126330 DOC ID: 154277  
DATE: 1/31/2000 PAGES: 12  
AUTHOR(S): Hydrometrics, Inc. ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
JANUARY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 1/1/00 THROUGH  
1/31/00.

6. 9. 4. . Vol. 2 - 1125021 DOC ID: 147889  
DATE: 2/1/2000 PAGES: 111  
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S): EPA

URS Greiner, Inc.

DESCRIPTION: SUPPLEMENT NO. 1B - BUNKER HILL MINE CONCEPTUAL MODEL - FINAL DATA  
SUMMARY FOR 1998/1999 MONITORING PROGRAM.

6. 9. 4. . Vol. 2 - 1125022 DOC ID: 147890  
DATE: 2/7/2000 PAGES: 33  
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S): EPA

URS Greiner, Inc.

DESCRIPTION: PHASE 1 TESTING RESULTS - BUNKER HILL MINE WATER TREATABILITY STUDY.

6. 9. 4. . Vol. 2 - 1126331 DOC ID: 154278  
DATE: 2/28/2000 PAGES: 18  
AUTHOR(S): Hydrometrics, Inc. ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
FEBRUARY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 2/1/00  
THROUGH 2/29/00.

6. 9. 4. . Vol. 2 - 1126332 DOC ID: 154279  
DATE: 3/31/2000 PAGES: 19  
AUTHOR(S): Hydrometrics, Inc. ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
MARCH DISCHARGE MONITORING REPORT FOR THE PERIOD OF 3/1/00 THROUGH  
3/31/00.



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 4. . Vol. 2 - 1125227 DOC ID: 148162  
DATE: 4/14/2000 PAGES: 4  
AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Ben Cope/EPA

Bill Hudson/CH2M Hill, Inc.

Patricia McGrath/EPA

Mary Kay Voytilla/EPA

Bruce A. Woods/EPA

DESCRIPTION: E-MAIL TRANSMITTING BUNKER HILL MINE WATER PHASE 2A TREATABILITY RESULTS.

WITH SEVEN ADDITIONAL ADDRESSEES.

6. 9. 4. . Vol. 2 - 1126333 DOC ID: 154280  
DATE: 4/30/2000 PAGES: 20  
AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - APRIL DISCHARGE MONITORING REPORT FOR THE PERIOD OF 4/1/00 THROUGH 4/30/00.

6. 9. 4. . Vol. 2 - 1126334 DOC ID: 154281  
DATE: 5/31/2000 PAGES: 20  
AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - MAY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 5/1/00 THROUGH 5/31/00.

6. 9. 4. . Vol. 2 - 1126335 DOC ID: 154282  
DATE: 6/30/2000 PAGES: 17  
AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - JUNE DISCHARGE MONITORING REPORT FOR THE PERIOD OF 6/1/00 THROUGH 6/30/00.

6. 9. 4. . Vol. 2 - 1126336 DOC ID: 154283  
DATE: 7/31/2000 PAGES: 18  
AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - JULY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 7/1/00 THROUGH 7/31/00.

6. 9. 4. . Vol. 2 - 1126337 DOC ID: 154284  
DATE: 9/21/2000 PAGES: 18

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - AUGUST DISCHARGE MONITORING REPORT FOR THE PERIOD OF 8/1/00 THROUGH 8/31/00, REVISION #01.

6. 9. 4. . Vol. 2 - 1126338 DOC ID: 154285  
DATE: 9/30/2000 PAGES: 23

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - SEPTEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 9/1/00 THROUGH 9/30/00.

6. 9. 4. . Vol. 2 - 1126339 DOC ID: 154286  
DATE: 10/31/2000 PAGES: 21

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - OCTOBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 10/1/00 THROUGH 10/31/00.

6. 9. 4. . Vol. 2 - 1125023 DOC ID: 147891  
DATE: 11/1/2000 PAGES: 56

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

URS Greiner, Inc.

DESCRIPTION:

PHASE 2 TESTING RESULTS - BUNKER HILL MINE WATER TREATABILITY STUDY.

6. 9. 4. . Vol. 2 - 1126340 DOC ID: 154287  
DATE: 11/30/2000 PAGES: 21

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - NOVEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 11/1/00 THROUGH 11/30/00.

6. 9. 4. . Vol. 2 - 1126341      DOC ID: 154288  
DATE: 12/31/2000      PAGES: 23  
AUTHOR(S): Hydrometrics, Inc.      ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - DECEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 12/1/00 THROUGH 12/31/00.

**SUB-HEAD: 6. 9. 4. . Vol. 3 - Sampling and Analysis Data**

6. 9. 4. . Vol. 3 - 1126342      DOC ID: 154289  
DATE: 1/31/2001      PAGES: 22  
AUTHOR(S): Hydrometrics, Inc.      ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - JANUARY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 1/1/01 THROUGH 1/31/01.

6. 9. 4. . Vol. 3 - 1126343      DOC ID: 154290  
DATE: 2/28/2001      PAGES: 23  
AUTHOR(S): Hydrometrics, Inc.      ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - FEBRUARY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 2/1/01 THROUGH 2/28/01.

6. 9. 4. . Vol. 3 - 1126344      DOC ID: 154291  
DATE: 3/31/2001      PAGES: 24  
AUTHOR(S): Hydrometrics, Inc.      ADDRESSEE(S): Unknown

DESCRIPTION: MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT - MARCH DISCHARGE MONITORING REPORT FOR THE PERIOD OF 3/1/01 THROUGH 3/31/01.

6. 9. 4. . Vol. 3 - 1126345      DOC ID: 154292  
DATE: 4/30/2001      PAGES: 22  
AUTHOR(S): Hydrometrics, Inc.      ADDRESSEE(S): Unknown

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
APRIL DISCHARGE MONITORING REPORT FOR THE PERIOD OF 4/1/01 THROUGH  
4/30/01.

6. 9. 4. . Vol. 3 - 1126346 DOC ID: 154293  
DATE: 5/31/2001 PAGES: 26

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
MAY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 5/1/01 THROUGH  
5/31/01.

6. 9. 4. . Vol. 3 - 1126347 DOC ID: 154294  
DATE: 6/30/2001 PAGES: 23

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
JUNE DISCHARGE MONITORING REPORT FOR THE PERIOD OF 6/1/01 THROUGH  
6/30/01.

6. 9. 4. . Vol. 3 - 1126348 DOC ID: 154295  
DATE: 7/31/2001 PAGES: 21

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
JULY DISCHARGE MONITORING REPORT FOR THE PERIOD OF 7/1/01 THROUGH  
7/31/01.

6. 9. 4. . Vol. 3 - 1126349 DOC ID: 154296  
DATE: 8/31/2001 PAGES: 23

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
AUGUST DISCHARGE MONITORING REPORT FOR THE PERIOD OF 8/1/01 THROUGH  
8/31/01.

6. 9. 4. . Vol. 3 - 1126350 DOC ID: 154297  
DATE: 9/30/2001 PAGES: 23

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
SEPTEMBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 9/1/01  
THROUGH 9/30/01.

6. 9. 4. . Vol. 3 - 1126458 DOC ID: 155562  
DATE: 9/30/2001 PAGES: 23

AUTHOR(S):  
Hydrometrics, Inc.

ADDRESSEE(S):  
Unknown

DESCRIPTION:

MONTHLY OPERATION AND MAINTENANCE REPORT - CENTRAL TREATMENT PLANT -  
OCTOBER DISCHARGE MONITORING REPORT FOR THE PERIOD OF 10/1/01  
THROUGH 10/31/01.

**SUB-HEAD: 6. 9. 5. . Vol. 1 - Health and Safety Plans**

6. 9. 5. . Vol. 1 - 1125024 DOC ID: 147835  
DATE: 10/1/1998 PAGES: 66

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT - HEALTH AND SAFETY PLAN.

6. 9. 5. . Vol. 1 - 1125025 DOC ID: 147836  
DATE: 6/1/2000 PAGES: 96

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

BUNKER HILL MINE WATER HEALTH AND SAFETY PLAN.

**SUB-HEAD: 6. 9. 6. . Vol. 1 - Applicable or Relevant and Appropriate Requirements (ARAR's)**

6. 9. 6. . Vol. 1 - 1125228 DOC ID: 148196  
DATE: 8/23/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jennifer Byrne/EPA

Clifford J. Villa/EPA

DESCRIPTION:

E-MAIL REGARDING USING TOTAL MAXIMUM DAILY LOADS (TMDLS) AS APPLICABLE  
OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS).

6. 9. 6. . Vol. 1 - 1125229 DOC ID: 148197  
DATE: 8/31/2000 PAGES: 2

AUTHOR(S):  
Brenda Osterhaug/CH2M Hill, Inc.

ADDRESSEE(S):  
Steven Hughes/URS Greiner, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Brenda Osterhaug/CH2M Hill, Inc.

Susan King/URS Greiner, Inc.

DESCRIPTION:

E-MAIL TRANSMITTING AN E-MAIL BY P. O'FLAHERTY SUGGESTING BUNKER HILL APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARAR) UPDATES.

6. 9. 6. . Vol. 1 - 1125230 DOC ID: 148198  
DATE: 10/9/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Michael Thomas/Idaho Dept. of  
Environmental Quality

DESCRIPTION:

LETTER REGARDING STATE IDENTIFICATION OF APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS AND TO BE CONSIDERED MATERIAL FOR THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY PROCESS.

6. 9. 6. . Vol. 1 - 1125316 DOC ID: 148638  
DATE: 10/24/2000 PAGES: 2

AUTHOR(S):  
Clifford J. Villa/EPA

ADDRESSEE(S):  
Mary Jane Nearman/EPA

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE DRAFT ECOLOGICAL FEASIBILITY STUDY, ALSO REGARDING THE USE OF TOTAL MAXIMUM DAILY LOADS (TMDLS) AS APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS (ARARS).

ORIGINAL CONFIDENTIAL DOCUMENT 148200 IS IN SITE FILE FOLDER 6.9.10.

6. 9. 6. . Vol. 1 - 1125232 DOC ID: 148202  
DATE: 11/7/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jennifer Byrne/EPA

Judi Schwarz/EPA

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Dept. of  
Environmental Quality

Patt O'Flaherty/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL REGARDING THE BUNKER HILL ARARS MEETING RESCHEDULED OPERATIONS & MAINTENANCE (O&M) FOLLOW-UP ITEMS, ANNOTATED.

WITH ONE ADDITIONAL ADDRESSEES.

6. 9. 6. . Vol. 1 - 1125233 DOC ID: 148205  
DATE: 12/5/2000 PAGES: 1

AUTHOR(S):  
Patt O'Flaherty/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING AN E-MAIL FROM R. CHANG PROVIDING NOTES FROM A TELECONFERENCE WITH M. THOMAS REGARDING BUNKER HILL ACID MINE DRAINAGE.

6. 9. 6. . Vol. 1 - 1125234 DOC ID: 148206  
DATE: 12/18/2000 PAGES: 4

AUTHOR(S): Michael Thomas/Idaho Dept. of Environmental Quality  
ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER PROVIDING IDENTIFICATION OF STATE APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS.

**SUB-HEAD: 6. 9. 7. . Vol. 1 - Remedial Investigation/Feasibility Study Reports**

6. 9. 7. . Vol. 1 - 1125277 DOC ID: 148410  
DATE: 4/1/2001 PAGES: 629

AUTHOR(S): CH2M Hill, Inc.  
ADDRESSEE(S): EPA

URS Greiner, Inc.

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

**SUB-HEAD: 6. 9. 7. 1. Vol. 1 - Comments/Evaluations and Responses**

6. 9. 7. 1. Vol. 1 - 1125160 DOC ID: 148058  
DATE: 8/15/2000 PAGES: 7

AUTHOR(S): Mary Kay Voytilla/EPA  
ADDRESSEE(S): CH2M Hill, Inc.

DESCRIPTION:

EPA COMMENTS ON THE 7/00 DRAFT BUNKER HILL MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT, SECTIONS 1.0 AND 2.0.

6. 9. 7. 1. Vol. 1 - 1125163 DOC ID: 148062  
DATE: 8/31/2000 PAGES: 1

AUTHOR(S): Mary Kay Voytilla/EPA  
ADDRESSEE(S): Dale R. Ralston/Ralston Hydrologic Services

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Division of Environmental Quality

Nick Zilka/Idaho Division of Environmental Quality

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

MEMORANDUM TRANSMITTING THE DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY REPORT (WITHOUT ATTACHMENT) WITH COMMENTS FROM N. CETO TO M. VOYTILLA.

WITH THREE ADDITIONAL ADDRESSEES.

6. 9. 7. 1. Vol. 1 - 1125212 DOC ID: 148108  
DATE: 9/21/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

Michael Thomas/Idaho Dept. of  
Environmental Quality

Nick Zilka/Idaho Division of Environmental  
Quality

DESCRIPTION:

E-MAIL REGARDING A MEETING WITH BOB HOPPER TO GO OVER HIS REMEDIAL INVESTIGATION/FEASIBILITY STUDY COMMENTS.

6. 9. 7. 1. Vol. 1 - 1125165 DOC ID: 148064  
DATE: 9/27/2000 PAGES: 6

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Michael Thomas/Idaho Division of  
Environmental Quality

Ian H. von Lindern/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION:

LETTER PROVIDING COMMENTS ON THE 8/29/00 BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125213 DOC ID: 148109  
DATE: 9/27/2000 PAGES: 1

AUTHOR(S):  
Nick Zilka/Idaho Dept. of Environmental Quality

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE DRAFT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125166 DOC ID: 148076  
DATE: 9/29/2000 PAGES: 7

AUTHOR(S):  
Ben Cope/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL COMMENTS ON THE DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY, 8/29/00.

6. 9. 7. 1. Vol. 1 - 1125167 DOC ID: 148078  
DATE: 9/29/2000 PAGES: 6

AUTHOR(S):

ADDRESSEE(S):



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Cami Grandinetti/EPA

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125169 DOC ID: 148081  
DATE: 10/2/2000 PAGES: 2

AUTHOR(S):

Andrea Brooks/TerraGraphics Environmental Engineering, Inc.  
Ian H. von Lindern/TerraGraphics Environmental Engineering, Inc.

ADDRESSEE(S):

Michael Thomas/Idaho Dept. of Environmental Quality

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125170 DOC ID: 148082  
DATE: 10/5/2000 PAGES: 7

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

CH2M Hill, Inc.

DESCRIPTION:

EPA'S COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125174 DOC ID: 148088  
DATE: 11/9/2000 PAGES: 8

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

CH2M Hill, Inc.

DESCRIPTION:

ADDITIONAL EPA COMMENTS ON 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125176 DOC ID: 148091  
DATE: 12/7/2000 PAGES: 4

AUTHOR(S):

Mary Kay Voytilla/EPA

ADDRESSEE(S):

CH2M Hill, Inc.

DESCRIPTION:

EPA'S COMMENTS ON EPA AND DEQ REVIEW DRAFT SECTION 2.6 IDENTIFICATION OF POTENTIALLY APPLICABLE OR RELEVANT AND APPROPRIATE REQUIREMENTS, REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125177 DOC ID: 148092  
DATE: 12/12/2000 PAGES: 4

AUTHOR(S):

Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Dale R. Ralston/Ralston Hydrologic Services

Ian H. von Lindern/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE 8/29/00 DRAFT BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125286 DOC ID: 148546

DATE: 1/30/2001 PAGES: 3

AUTHOR(S):  
Robert Hopper/New Bunker Hill Mining Co.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE BUNKER HILL RISK ASSESSMENT.

6. 9. 7. 1. Vol. 1 - 1125670 DOC ID: 150388

DATE: 5/18/2001 PAGES: 2

AUTHOR(S):  
Phillip J. Cernera/Coeur d'Alene Tribe

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING COMMENTS AND CONCERNS REGARDING THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

6. 9. 7. 1. Vol. 1 - 1125577 DOC ID: 149805

DATE: 6/21/2001 PAGES: 3

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Robert Hopper/New Bunker Hill Mining Co.

DESCRIPTION: LETTER RESPONDING TO 6/21/01 CORRESPONDENCE PROVIDING A TIME EXTENSION TO PROVIDE COMMENTS ON THE DRAFT PROPOSED PLAN, ALSO TRANSMITTING TEXT TO BE INCLUDED IN THE COMMUNITY ACCEPTANCE SECTION OF THE PROPOSED PLAN.

6. 9. 7. 1. Vol. 1 - 1125578 DOC ID: 149806

DATE: 6/21/2001 PAGES: 1

AUTHOR(S):  
Robin Stanley/SNRC Science Committee

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER REQUESTING A POSTPONEMENT OF THE PUBLIC COMMENT PERIOD FOR FURTHER REVIEW OF THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 7. 1. Vol. 1 - 1125671 DOC ID: 150390

DATE: 7/2/2001 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Phillip J. Cernera/Coeur d'Alene Tribe

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

LETTER NOTING THAT RESPONSES TO COMMENTS RECEIVED DURING THE REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) AND PROPOSED PLAN PUBLIC COMMENT PERIOD WILL BE INCLUDED IN A RESPONSIVENESS SUMMARY.

6. 9. 7. 1. Vol. 1 - 1125672 DOC ID: 150392  
DATE: 7/3/2001 PAGES: 3

AUTHOR(S):

Michael F. Gearheard/EPA

ADDRESSEE(S):

Robin Stanley/SNRC Science Committee

DESCRIPTION:

LETTER RESPONDING TO A REQUEST FOR POSTPONEMENT OF THE PUBLIC COMMENT PERIOD ON THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

**SUB-HEAD: 6. 9. 8. . Vol. 1 - Other RI/FS Technical Reports**

6. 9. 8. . Vol. 1 - 1125444 DOC ID: 126599  
DATE: 9/14/1998 PAGES: 48

AUTHOR(S):

Hank Edenborn/U. S. Dept. of Energy

ADDRESSEE(S):

Cami Grandinetti/EPA

DESCRIPTION:

LETTER TRANSMITTING A COPY OF THE FINAL REPORT FOR THE BUNKER HILL COLLECTED WATER WETLANDS STUDY.

6. 9. 8. . Vol. 1 - 1125313 DOC ID: 114256  
DATE: 2/9/1999 PAGES: 13

AUTHOR(S):

Matt Germon/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: INTERIM DATA EVALUATION BUNKER HILL MINE WATER 1998/1999 SAMPLING PROGRAM.

6. 9. 8. . Vol. 1 - 1125084 DOC ID: 147941  
DATE: 5/5/1999 PAGES: 13

AUTHOR(S):

Chuck Gruenenfelder/CH2M Hill, Inc.

ADDRESSEE(S):

Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

TECHNICAL MEMORANDUM: ANALYSIS OF BUNKER HILL MINE POOL AND SOUTH FORK COEUR D'ALENE RIVER HYDRAULIC RELATIONSHIPS AND ESTIMATION OF GROUNDWATER TRAVEL TIMES.

6. 9. 8. . Vol. 1 - 1125085      DOC ID:    147942  
DATE:      5/12/1999              PAGES:      4

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Robert J. York/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: EVALUATION OF CO-TREATMENT OF STORMWATER AND SANITARY WASTEWATER WITH ACID MINE DRAINAGE.

6. 9. 8. . Vol. 1 - 1125086      DOC ID:    147943  
DATE:      5/19/1999              PAGES:      5

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

David Bunte/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM: HANNA STOPE RECONNAISSANCE PLAN.

6. 9. 8. . Vol. 1 - 1125026      DOC ID:    147837  
DATE:      7/1/1999              PAGES:      120

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

BUNKER HILL MINE WATER MANAGEMENT - HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 8. . Vol. 1 - 1125027      DOC ID:    147838  
DATE:      7/1/1999              PAGES:      20

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

BUNKER HILL MINE WATER PRESUMPTIVE REMEDY - COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS.

6. 9. 8. . Vol. 1 - 1125028      DOC ID:    147839  
DATE:      7/1/1999              PAGES:      55

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

DESCRIPTION:

MINE CONTINGENCY PLAN FOR THE BUNKER HILL MINE KELLOGG, IDAHO.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 8. . Vol. 1 - 1125029 DOC ID: 147840  
DATE: 7/1/1999 PAGES: 264  
AUTHOR(S): ADDRESSSEE(S):  
CH2M Hill, Inc. EPA

DESCRIPTION: BUNKER HILL MINE WATER PRESUMPTIVE REMEDY.

**SUB-HEAD: 6. 9. 8. . Vol. 2 - Other RI/SF Technical Reports**

6. 9. 8. . Vol. 2 - 1125030 DOC ID: 147841  
DATE: 7/1/1999 PAGES: 86  
AUTHOR(S): ADDRESSSEE(S):  
CH2M Hill, Inc. EPA

DESCRIPTION: ACID MINE DRAINAGE - BUNKER HILL MINE WATER CONCEPTUAL MODEL.

6. 9. 8. . Vol. 2 - 1125088 DOC ID: 147945  
DATE: 7/8/1999 PAGES: 17  
AUTHOR(S): ADDRESSSEE(S):  
Jay Dehner/CH2M Hill, Inc. Mary Kay Voytilla/EPA

Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: NEXT STEPS: AMD GENERATION MITIGATIONS.

6. 9. 8. . Vol. 2 - 1125089 DOC ID: 147946  
DATE: 7/22/1999 PAGES: 19  
AUTHOR(S): ADDRESSSEE(S):  
Ken Green/CH2M Hill, Inc. Mary Kay Voytilla/EPA

Jay Dehner/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: FIELD RECONNAISSANCE OF HANNA STOPE.

6. 9. 8. . Vol. 2 - 1125031 DOC ID: 147842  
DATE: 8/1/1999 PAGES: 20  
AUTHOR(S): ADDRESSSEE(S):  
CH2M Hill, Inc. EPA

DESCRIPTION: BUNKER HILL MINE WATER PRESUMPTIVE REMEDY - COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS (3,500-GPM CTP CAPACITY).

6. 9. 8. . Vol. 2 - 1125090 DOC ID: 147947  
DATE: 8/23/1999 PAGES: 4  
AUTHOR(S): ADDRESSSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: TECHNICAL MEMORANDUM: USE OF KB-1 TO TREAT BUNKER HILL MINE WATER.

6. 9. 8. . Vol. 2 - 1125032 DOC ID: 147843  
DATE: 9/1/1999 PAGES: 46  
AUTHOR(S): CH2M Hill, Inc. ADDRESSEE(S): EPA

DESCRIPTION: BUNKER HILL MINE WATER PRESUMPTIVE REMEDY - BUNKER HILL MINE FLOOD - STANLY ORE BODY IN-MINE RECONNAISSANCE REPORT.

6. 9. 8. . Vol. 2 - 1125091 DOC ID: 147949  
DATE: 9/14/1999 PAGES: 3  
AUTHOR(S): Gary Hickman/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: TECHNICAL MEMORANDUM: ADDENDUM: BUNKER HILL MINE WATER TREATABILITY STUDY WORK PLAN.

6. 9. 8. . Vol. 2 - 1125092 DOC ID: 147951  
DATE: 9/20/1999 PAGES: 6  
AUTHOR(S): Matt Germon/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

Robert J. York/CH2M Hill, Inc.

DESCRIPTION: DRAFT MEMORANDUM: EVALUATION OF POSSIBLE TMDL COMPLIANCE STRATEGIES - BUNKER HILL MINE WATER MANAGEMENT PROJECT.

6. 9. 8. . Vol. 2 - 1125235 DOC ID: 148221  
DATE: 1/11/2000 PAGES: 3  
AUTHOR(S): Artemis Antipas/CH2M Hill, Inc. ADDRESSEE(S): Gary Hickman/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM: BUNKER HILL MINE WATER TREATABILITY STUDY - DETECTION LIMIT AND ANALYTICAL METHOD SELECTION.

6. 9. 8. . Vol. 2 - 1125033 DOC ID: 147844  
DATE: 1/13/2000 PAGES: 20  
AUTHOR(S): ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Robert Martin/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

MILO CREEK PIEZOMETER INSTALLATION - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 8. . Vol. 2 - 1125034 DOC ID: 147845

DATE: 2/7/2000 PAGES: 53

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

URS Greiner, Inc.

DESCRIPTION:

FINAL REPORT - HYDROLOGIC EVALUATION FOR BUNKER HILL MINE TOTAL MAXIMUM DAILY LOAD (TMDL) COMPLIANCE - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 8. . Vol. 2 - 1125236 DOC ID: 148222

DATE: 2/11/2000 PAGES: 6

AUTHOR(S):  
Bob Martin/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Travis Pyle/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM: MILO CREEK DATA LOGGER INSTALLATIONS.

6. 9. 8. . Vol. 2 - 1125035 DOC ID: 147846

DATE: 3/24/2000 PAGES: 44

AUTHOR(S):  
David Bunte/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jay Dehner/CH2M Hill, Inc.

Ken Green/CH2M Hill, Inc.

Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

ANALYSIS OF ACID MINE DRAINAGE (AMD) SLUDGE DISPOSAL IN HANNA STOPE.

6. 9. 8. . Vol. 2 - 1125237 DOC ID: 148223

DATE: 5/5/2000 PAGES: 10

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

DRAFT TECHNICAL MEMORANDUM: COMMONLY ASKED BUNKER HILL MINE WATER TOTAL MAXIMUM DAILY LOAD (TMDL) COMPLIANCE QUESTIONS.

6. 9. 8. . Vol. 2 - 1125240 DOC ID: 148227  
DATE: 5/30/2000 PAGES: 4

AUTHOR(S):  
Jim Stefanoff/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM: IN-MINE ACID MINE DRAINAGE (AMD) MITIGATION STRATEGIES.

6. 9. 8. . Vol. 2 - 1125242 DOC ID: 148229  
DATE: 6/23/2000 PAGES: 9

AUTHOR(S):  
Dick Glanzman/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Travis Pyle/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

TECHNICAL MEMORANDUM: BUNKER HILL IN-MINE ACID MINE DRAINAGE (AMD) MITIGATION STRATEGY - COLLECTION OF POOR QUALITY WATER AND DISCHARGE BELOW 14 LEVEL.

6. 9. 8. . Vol. 2 - 1125243 DOC ID: 148230  
DATE: 6/26/2000 PAGES: 28

AUTHOR(S):  
Dick Glanzman/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Kirk Nordstrom/USGS

Dale R. Ralston/Ralston Hydrologic Services

John Riley/Pyrite Hydrochem

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

DRAFT TECHNICAL MEMORANDUM: POTENTIAL FOR LIME AND SLUDGE REDUCTION BY BUNKER HILL MINE WATER MITIGATION MEASURES.

6. 9. 8. . Vol. 2 - 1125244 DOC ID: 148231  
DATE: 8/14/2000 PAGES: 17

AUTHOR(S):  
Jamiyo Mack/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Bill Murdock/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Robert J. York/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION: TECHNICAL MEMORANDUM: CENTRAL TREATMENT PLANT (CTP) MASTER PLAN FOR IMPROVEMENTS.

6. 9. 8. . Vol. 2 - 1125314 DOC ID: 148534  
DATE: 1/5/2001 PAGES: 11

AUTHOR(S):  
Karen Dawson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Travis Pyle/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: DRAFT TECHNICAL MEMORANDUM - BUNKER HILL CONCEPTUAL DESIGN OF A LINED SLUDGE DISPOSAL BED WITHIN THE SLUDGE IMPOUNDMENT AREA ON THE CENTRAL IMPOUNDMENT AREA (CIA).

6. 9. 8. . Vol. 2 - 1125580 DOC ID: 149808  
DATE: 6/1/2001 PAGES: 26

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

URS Greiner, Inc.

DESCRIPTION: BUNKER HILL CENTRAL TREATMENT PLANT (CTP) DISCHARGE QUALITY AND MONITORING PLAN.

6. 9. 8. . Vol. 2 - 1125581 DOC ID: 149809  
DATE: 6/1/2001 PAGES: 33

AUTHOR(S):  
CH2M Hill, Inc.

ADDRESSEE(S):  
EPA

URS Greiner, Inc.

DESCRIPTION: BUNKER HILL MINE WATER PROJECT - BIOLOGICAL ASSESSMENT.

6. 9. 8. . Vol. 2 - 1126289 DOC ID: 154113  
DATE: 7/13/2001 PAGES: 5

AUTHOR(S):  
Travis Pyle/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: COMPARISON OF LUCKY FRIDAY MINE AND COEUR AND GALENA MINES DRAFT NPDES PERMITS TO THE BUNKER HILL CTP QUALITY AND MONITORING PLAN.

**SUB-HEAD: 6. 9. 8. 1. Vol. 1 - Comments/Evaluations and Responses**

6. 9. 8. 1. Vol. 1 - 1125278 DOC ID: 148411  
DATE: 4/22/1998 PAGES: 1  
AUTHOR(S): Nick Zilka/Idaho Division of Environmental Quality  
ADDRESSEE(S): Cami Grandinetti/EPA

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 3/20/98 BUNKER HILL COLLECTED WATER WETLANDS STUDY.

6. 9. 8. 1. Vol. 1 - 1125280 DOC ID: 148413  
DATE: 6/1/1998 PAGES: 3  
AUTHOR(S): Cami Grandinetti/EPA  
ADDRESSEE(S): Hank Edenborn/U. S. Dept. of Energy

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 9/14/98 BUNKER HILL COLLECTED WATER WETLANDS STUDY.

6. 9. 8. 1. Vol. 1 - 1075355 DOC ID: 114259  
DATE: 2/10/1999 PAGES: 4  
AUTHOR(S): Dale R. Ralston/Ralston Hydrologic Services  
ADDRESSEE(S): Mike Fitzgerald/TerraGraphics Environmental Engineering, Inc.

DESCRIPTION: COMMENTS ON THE 1/99 DRAFT ACID MINE DRAINAGE - BUNKER HILL MINE WATER CONCEPTUAL MODEL, 1/99 DRAFT BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, 2/99 DRAFT COST/BENEFIT ANALYSIS - SURFACE WATER DIVERSIONS BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, AND  
DRAFT MINE CONTINGENCY PLAN FOR THE BUNKER HILL MINE: 1/99.

6. 9. 8. 1. Vol. 1 - 1075359 DOC ID: 114270  
DATE: 2/22/1999 PAGES: 10  
AUTHOR(S): Patricia McGrath/EPA  
ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: MEMO REGARDING BUNKER HILL MINE WATER PRESUMPTIVE REMEDY, COMMENTS ON MEMORANDA.

6. 9. 8. 1. Vol. 1 - 1075366 DOC ID: 114305  
DATE: 3/17/1999 PAGES: 4  
AUTHOR(S): Mary Kay Voytilla/EPA  
ADDRESSEE(S): Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: COMMENTS ON THE JANUARY 1999 DRAFT BUNKER HILL MINE WATER PRESUMPTIVE REMEDY DOCUMENTS.

6. 9. 8. 1. Vol. 1 - 1125058 DOC ID: 147914  
DATE: 8/4/1999 PAGES: 2  
AUTHOR(S):  
ADDRESSEE(S):

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

Bill Hudson/CH2M Hill, Inc.

Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING 7/99 HYDROLOGIC EVALUATION COMMENTS.

6. 9. 8. 1. Vol. 1 - 1125060 DOC ID: 147917  
DATE: 8/10/1999 PAGES: 1

AUTHOR(S):  
Ben Cope/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: COMMENTS AND QUESTIONS ON THE 7/99 HYDROLOGIC EVALUATION REPORT.

6. 9. 8. 1. Vol. 1 - 1125061 DOC ID: 147918  
DATE: 8/15/1999 PAGES: 2

AUTHOR(S):  
Dale R. Ralston/Unknown

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION: REVIEW COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 8. 1. Vol. 1 - 1125062 DOC ID: 148312  
DATE: 8/16/1999 PAGES: 3

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION: LETTER TRANSMITTING COMMENTS ON MEMORANDA 7/8/99 NEXT STEPS: AMD GENERATION MITIGATIONS, WEST FORK MILO CREEK SPRING '89 OBSERVATIONS, GUY CAVE GRADING AND CAPPING, 7/22/99 FIELD RECONNAISSANCE OF HANNA STOPE, AND 8/6/99 ANALYSIS OF AMD SLUDGE DISPOSAL I  
HANNA STOPE.

6. 9. 8. 1. Vol. 1 - 1125066 DOC ID: 147925  
DATE: 9/8/1999 PAGES: 2

AUTHOR(S):  
Nick Zilka/Idaho Division of Environmental Quality

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER REPORT.

6. 9. 8. 1. Vol. 1 - 1125071 DOC ID: 147928  
DATE: 9/23/1999 PAGES: 4

AUTHOR(S):  
Orville Kiehn/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: MEMORANDUM PROVIDING TECHNICAL COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER AND ANALYSIS OF AMD SLUDGE DISPOSAL IN HANNA STOPE REPORTS.

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 8. 1. Vol. 1 - 1125072 DOC ID: 147929  
DATE: 9/23/1999 PAGES: 3  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 7/99 HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER AND 8/6/99 ANALYSIS OF AMD SLUDGE DISPOSAL IN HANNA STOPE.

6. 9. 8. 1. Vol. 1 - 1125075 DOC ID: 147932  
DATE: 9/27/1999 PAGES: 2  
AUTHOR(S):  
John A. Riley/Unknown

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 7/99 DRAFT HYDROLOGIC EVALUATION OF KELLOGG TUNNEL AND SOUTH FORK COEUR D'ALENE RIVER.

6. 9. 8. 1. Vol. 1 - 1125128 DOC ID: 148029  
DATE: 10/21/1999 PAGES: 2  
AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Orville Kiehn/EPA

DESCRIPTION: E-MAIL PROVIDING COMMENTS FROM P. MCGRATH REGARDING THE HYDROLOGY EVALUATION AND HANNA STOPE SLUDGE MEMO.

6. 9. 8. 1. Vol. 1 - 1125146 DOC ID: 148044  
DATE: 2/18/2000 PAGES: 2  
AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Mike Fitzgerald/TerraGraphics  
Environmental Engineering, Inc.

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE MILO CREEK PIEZOMETER INSTALLATION, MILO CREEK DATA LOGGER INSTALLATIONS, AND PHASE 1 TESTING RESULTS.

6. 9. 8. 1. Vol. 1 - 1125150 DOC ID: 148048  
DATE: 3/6/2000 PAGES: 3  
AUTHOR(S):  
Ben Cope/EPA

ADDRESSEE(S):  
Patricia McGrath/EPA

Mary Kay Voytilla/EPA

DESCRIPTION: E-MAIL TRANSMITTING COMMENTS ON THE DRAFT PRELIMINARY SCREENING FOR TMDL COMPLIANCE, 2/18/00.

6. 9. 8. 1. Vol. 1 - 1125151 DOC ID: 148049  
DATE: 3/6/2000 PAGES: 1  
AUTHOR(S):  
Patricia McGrath/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE 2/18/00 DRAFT PRELIMINARY SCREENING FOR TMDL COMPLIANCE.

6. 9. 8. 1. Vol. 1 - 1125195 DOC ID: 148097  
DATE: 3/20/2000 PAGES: 1

AUTHOR(S):  
Mike Fitzgerald/TerraGraphics Environmental  
Engineering, Inc.

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE DRAFT HANNA STOPE EVALUATION.

6. 9. 8. 1. Vol. 1 - 1125153 DOC ID: 148051  
DATE: 4/3/2000 PAGES: 14

AUTHOR(S):  
Mike Fitzgerald/TerraGraphics Environmental  
Engineering, Inc.

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE DRAFT PRELIMINARY SCREENING FOR TMDL COMPLIANCE AND ITS SUPPLEMENT, BUNKER HILL REMEDIAL INVESTIGATION/FEASIBILITY STUDY.

6. 9. 8. 1. Vol. 1 - 1125154 DOC ID: 148052  
DATE: 4/7/2000 PAGES: 2

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE 2/18/00 AND 3/13/00 DRAFT PRELIMINARY SCREENING FOR TMDL COMPLIANCE DOCUMENTS.

6. 9. 8. 1. Vol. 1 - 1125208 DOC ID: 148105  
DATE: 7/10/2000 PAGES: 1

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE 6/26/00 DRAFT TECHNICAL MEMORANDUM, POTENTIAL FOR LIME AND SLUDGE REDUCTION BY BUNKER HILL MINE WATER MITIGATION MEASURES.

**SUB-HEAD: 6. 9. 9. . Vol. 1 - Proposed Plan**

6. 9. 9. . Vol. 1 - 1125566 DOC ID: 149775  
DATE: 7/1/2001 PAGES: 22

AUTHOR(S):  
EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION: PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE - BUNKER HILL MINE WATER MANAGEMENT.

**SUB-HEAD: 6. 9. 9. 1. Vol. 1 - Comments/Evaluations and Responses**

6. 9. 9. 1. Vol. 1 - 1125558 DOC ID: 149765  
DATE: 9/12/2000 PAGES: 1  
AUTHOR(S): Andrea Brooks/TerraGraphics Environmental Engineering, Inc. ADDRESSEE(S): Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION: MEMORANDUM PROVIDING COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125490 DOC ID: 149501  
DATE: 5/9/2001 PAGES: 9  
AUTHOR(S): Jim Stefanoff/CH2M Hill, Inc. ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125491 DOC ID: 149502  
DATE: 5/16/2001 PAGES: 2  
AUTHOR(S): Nick Zilka/Idaho Dept. of Environmental Quality ADDRESSEE(S): Mary Kay Voytilla/EPA

DESCRIPTION: COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125492 DOC ID: 149503  
DATE: 5/16/2001 PAGES: 4  
AUTHOR(S): Dale R. Ralston/Ralston Hydrologic Services ADDRESSEE(S): Andrea Brooks/TerraGraphics Environmental Engineering, Inc.  
Ian H. von Lindern/TerraGraphics Environmental Engineering, Inc.  
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION: COMMENTS ON THE DRAFT PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 9. 1. Vol. 1 - 1125493 DOC ID: 149504  
DATE: 5/18/2001 PAGES: 6  
AUTHOR(S): Nick Zilka/Idaho Dept. of Environmental Quality ADDRESSEE(S): Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL TRANSMITTING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125494 DOC ID: 149505  
DATE: 5/18/2001 PAGES: 1

AUTHOR(S):  
Nick Zilka/Idaho Dept. of Environmental Quality

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN BY C. MOSS.

6. 9. 9. 1. Vol. 1 - 1125495 DOC ID: 149537  
DATE: 5/21/2001 PAGES: 2

AUTHOR(S):  
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125559 DOC ID: 149766  
DATE: 6/13/2001 PAGES: 2

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Andrea Brooks/TerraGraphics Environmental Engineering, Inc.  
Ian H. von Lindern/TerraGraphics Environmental Engineering, Inc.  
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION:

COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125560 DOC ID: 149767  
DATE: 6/15/2001 PAGES: 4

AUTHOR(S):  
Judy R. Smith/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN, INCLUDES COMMUNITY INVOLVEMENT SECTION TEXT FOR THE PLAN.

6. 9. 9. 1. Vol. 1 - 1125561 DOC ID: 149768  
DATE: 6/18/2001 PAGES: 1

AUTHOR(S):  
Bill Hudson/CH2M Hill, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE 6/01 BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125562 DOC ID: 149769  
DATE: 6/18/2001 PAGES: 2

AUTHOR(S):  
Jerry Cobb/Panhandle Health District

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125563 DOC ID: 149770  
DATE: 6/18/2001 PAGES: 1

AUTHOR(S):  
Ross Stout/City of Kellogg

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

MEMORANDUM PROVIDING A REVIEW OF THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125565 DOC ID: 149771  
DATE: 6/20/2001 PAGES: 1

AUTHOR(S):  
Kelly Huynh/EPA

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL PROVIDING COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1125579 DOC ID: 149807  
DATE: 6/21/2001 PAGES: 1

AUTHOR(S):  
Robert Hopper/New Bunker Hill Mining Co.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

LETTER PROVIDING COMMENTS AND REQUESTING A TIME EXTENSION TO PROVIDE FURTHER COMMENTS ON THE BUNKER HILL MINE WATER DRAFT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1126253 DOC ID: 154073  
DATE: 6/22/2001 PAGES: 25

AUTHOR(S):  
Mary Kay Voytilla/EPA

ADDRESSEE(S):  
Jim Stefanoff/CH2M Hill, Inc.

DESCRIPTION:

COMMENTS ON 6/01 DRAFT PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE, WITH ATTACHED ANNOTATED DRAFT PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE.



(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

6. 9. 9. 1. Vol. 1 - 1125673 DOC ID: 150396  
DATE: 6/27/2001 PAGES: 1

AUTHOR(S):  
Robert Hopper/New Bunker Hill Mining Co.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER NOTING THAT NO COMMENTS ON THE PROPOSED PLAN ARE POSSIBLE DUE TO TIME CONSTRAINTS.

6. 9. 9. 1. Vol. 1 - 1125674 DOC ID: 150399  
DATE: 6/28/2001 PAGES: 2

AUTHOR(S):  
Dale R. Ralston/Ralston Hydrologic Services

ADDRESSEE(S):  
Andrea Brooks/TerraGraphics Environmental Engineering, Inc.  
Ian H. von Lindern/TerraGraphics Environmental Engineering, Inc.  
Nick Zilka/Idaho Dept. of Environmental Quality

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 9. 1. Vol. 1 - 1126258 DOC ID: 154078  
DATE: 7/27/2001 PAGES: 1

AUTHOR(S):  
Charles R. Peterson/Milo Creek Watershed District

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: LETTER PROVIDING COMMENTS ON THE PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE, BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 9. 1. Vol. 1 - 1126259 DOC ID: 154079  
DATE: 7/31/2001 PAGES: 7

AUTHOR(S):  
Laurel K. Christopher/Unknown

ADDRESSEE(S):  
Unknown

DESCRIPTION: COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT PLAN.

6. 9. 9. 1. Vol. 1 - 1126260 DOC ID: 154080  
DATE: 8/2/2001 PAGES: 2

AUTHOR(S):  
Edward A. Peterson/Unknown

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: COMMENTS ON THE PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE.

6. 9. 9. 1. Vol. 1 - 1126261 DOC ID: 154081  
DATE: 8/8/2001 PAGES: 4

AUTHOR(S):  
Frederick E. Kirschner/Associated Environmental Scientists and Engineers, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

SPOKANE TRIBES COMMENTS ON THE PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE: BUNKER HILL MINE WATER MANAGEMENT 7/01.

6. 9. 9. 1. Vol. 1 - 1126262 DOC ID: 154082  
DATE: 8/8/2001 PAGES: 5

AUTHOR(S):  
Frederick E. Kirschner/Associated Environmental  
Scientists and Engineers, Inc.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

SPOKANE TRIBES COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS) 4/01.

6. 9. 9. 1. Vol. 1 - 1126263 DOC ID: 154083  
DATE: 8/9/2001 PAGES: 2

AUTHOR(S):  
John L. Roland/Washington State Dept. of Ecology

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

COMMENTS ON THE PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE.

6. 9. 9. 1. Vol. 1 - 1126264 DOC ID: 154084  
DATE: 8/10/2001 PAGES: 2

AUTHOR(S):  
Laura Skaer/Northwest Mining Association

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

COMMENTS ON THE PROPOSED PLAN FOR BUNKER HILL CTP OPERATIONS.

6. 9. 9. 1. Vol. 1 - 1126268 DOC ID: 154088  
DATE: 9/4/2001 PAGES: 2

AUTHOR(S):  
Laurel K. Christopher/Unknown

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

COMMENTS ON THE EPA/DEQ BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN.

6. 9. 9. 1. Vol. 1 - 1126270 DOC ID: 154089  
DATE: 9/14/2001 PAGES: 3

AUTHOR(S):  
Robert Hopper/New Bunker Hill Mining Co.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION:

COMMENTS ON THE BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN: ALTERNATIVE 3A.

6. 9. 9. 1. Vol. 1 - 1126271 DOC ID: 154090  
DATE: 9/14/2001 PAGES: 3

AUTHOR(S):  
Dave Holland/Hecla Mining Co.

ADDRESSEE(S):  
Mary Kay Voytilla/EPA

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION:

COMMENTS ON THE BUNKER HILL CTP DISCHARGE QUALITY AND MONITORING PLAN AND THE PROPOSED PLAN FOR THE BUNKER HILL SUPERFUND SITE - BUNKER HILL MINE WATER MANAGEMENT.

6. 9. 9. 1. Vol. 1 - 1126272 DOC ID: 154091  
DATE: 9/17/2001 PAGES: 10

AUTHOR(S):

Ron Roizen/Shoshone Natural Resources Coalition

ADDRESSEE(S):

Mary Kay Voytilla/EPA

DESCRIPTION:

E-MAIL TRANSMITTING COMMENTS ON THE MINE WATER REMEDIAL INVESTIGATION/FEASIBILITY STUDY (RI/FS).

**HEADING: 8. 0. . . RECORD OF DECISION**

**SUB-HEAD: 8. 2. . . Vol. 1 - ROD(S)**

**SUB-HEAD: 8. 2. 1. . Vol. 1 - ROD Amendment**

8. 2. 1. . Vol. 1 - 1126679	DOC ID: 155565
DATE: 12/10/2001	PAGES: 118
AUTHOR(S): Michael F. Gearheard/EPA	ADDRESSEE(S): Unknown

DESCRIPTION: RECORD OF DECISION AMENDMENT - NON-POPULATED AREAS OPERABLE UNIT - BUNKER HILL MINING AND METALLURGICAL COMPLEX.  
BUNKER HILL MINE WATER MANAGEMENT.

**HEADING: 20. 0. . . PUBLIC PARTICIPATION**

**SUB-HEAD: 20. 4. . . Vol. 1 - Other Government/Citizens**

**SUB-HEAD: 20. 4. 4. . Vol. 1 - Public Meeting Transcripts**

20. 4. 4. . Vol. 1 - 1126295 DOC ID: 154126  
DATE: 7/31/2001 PAGES: 99  
AUTHOR(S): Julie McCaughan/Naegeli Reporting Corporation ADDRESSEE(S):  
Unknown

DESCRIPTION: PUBLIC MEETING TRANSCRIPT: PROPOSED PLAN FOR BUNKER HILL WATER MANAGEMENT.

**SUB-HEAD: 20. 6. . . Vol. 1 - Media Activity**

**SUB-HEAD: 20. 6. 1. . Vol. 1 - Press Releases/Conferences**

20. 6. 1. . Vol. 1 - 1126290 DOC ID: 154114  
DATE: 7/23/2001 PAGES: 1  
AUTHOR(S): EPA ADDRESSEE(S):  
Unknown

DESCRIPTION: NEWS RELEASE: PUBLIC COMMENT SOUGHT ON EPA PROPOSED PLAN FOR MANAGING MINE WATER AT THE BUNKER HILL MINE.

20. 6. 1. . Vol. 1 - 1126293 DOC ID: 154117  
DATE: 8/10/2001 PAGES: 1  
AUTHOR(S): EPA ADDRESSEE(S):  
Mary Kay Voytilla/EPA

DESCRIPTION: POSTCARD NOTIFYING THAT THE PUBLIC COMMENT PERIOD FOR THE BUNKER HILL MINE WATER MANAGEMENT PROPOSED PLAN HAS BEEN EXTENDED TO 9/17/01.

**SUB-HEAD: 20. 6. 2. . Vol. 1 - News Articles**

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

20. 6. 2. . Vol. 1 - 1126291 DOC ID: 154115  
DATE: 7/27/2001 PAGES: 1

AUTHOR(S):  
Caroline Lobsinger/Coeur d'Alene Press

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
NEWSPAPER ARTICLE: EPA PLANS INTENSIVE CLEANUP OF KELLOGG'S BUNKER HILL MINE.

20. 6. 2. . Vol. 1 - 1126292 DOC ID: 154116  
DATE: 8/1/2001 PAGES: 1

AUTHOR(S):  
Caroline Lobsinger/Coeur d'Alene Press

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
NEWSPAPER ARTICLE: MINE WASTE ISSUE TURNS DIRTY DURING MEETING.

**SUB-HEAD: 20. 6. 3. . Vol. 1 - Fact Sheets**

20. 6. 3. . Vol. 1 - 1098565 DOC ID: 126309  
DATE: 5/1/1999 PAGES: 4

Unclassified

AUTHOR(S):  
EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
FACT SHEET PROVIDING AN OVERVIEW OF PLANNED CONSTRUCTION ACTIVITIES FOR SPRING AND BEYOND.

20. 6. 3. . Vol. 1 - 1090743 DOC ID: 134175  
DATE: 4/1/2000 PAGES: 4

AUTHOR(S):  
EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
FACT SHEET PROVIDING A SUMMARY OF THE UPCOMING FIELD SEASON REGARDING CLEAN UP AT THE BUNKER HILL SITE.

20. 6. 3. . Vol. 1 - 1111129 DOC ID: 136975  
DATE: 6/1/2000 PAGES: 2

AUTHOR(S):  
EPA

ADDRESSEE(S):  
Unknown

DESCRIPTION:  
FACT SHEET: EPA SEEKS COMMENTS ON BUNKER HILL CLEANUP REVIEWS - PUBLIC MEETING SCHEDULED FOR "NON-POPULATED AREAS" FIVE-YEAR REVIEW - COMMENT PERIOD FOR POPULATED AREAS REVIEW EXTENDED TO JULY 10.

20. 6. 3. . Vol. 1 - 1121592 DOC ID: 144524  
DATE: 1/1/2001 PAGES: 6

AUTHOR(S):  
EPA

ADDRESSEE(S):  
Unknown

(BHWAR) BUNKER HILL - MINE WATER MANAGEMENT 1992 ROD AMENDMENT REMEDIAL AR INDEX

DESCRIPTION: FACT SHEET SUMMARIZING CLEANUP ACTIVITIES AT BUNKER HILL DURING THE 2000 SUMMER AND FALL CONSTRUCTION SEASON, ALSO UPCOMING EVENTS FOR THE 2001 YEAR.

20. 6. 3. .	Vol. 1 - 1125567	DOC ID:	149776	
DATE:	7/1/2001	PAGES:	3	
AUTHOR(S):	EPA	ADDRESSEE(S):	Unknown	

DESCRIPTION: FACT SHEET: BUNKER HILL MINE WATER MANAGEMENT - EPA ISSUES PROPOSED MINE WATER PLAN.