



I101 - IHSS 101, Solar Evaporation Ponds (OU04)

Last updated: 9/30/2014

numerical index

I101-A-000001	12/1/1993
OU04 SEP Phase I IM/IRA Issue Identification and Resolution Process	
Operable Unit OU04 [Solar Evaporation Pond (SEP)] Phase I Interim Measure / Interim Remedial Action (IM/IRA) Issue Identification and Resolution Process - On September 30, 1993, the OU04 Project Coordinator for the Colorado Department of Health (CDH), the US Environmental Protection Agency (EPA), and the US Department of Energy (DOE) signed the "OU04 Dispute - Draft and Final Phase I Resource Conservation Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Reports" which modified the Interagency Agreement (IAG) Schedule Milestones. Implementation will require active and continuous coordination; all parties have jointly committed to increase the level of participation in the Administrative and Technical Design Process.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000001.PDF	332 KB
I101-A-000002	11/14/1990
Update on SEP Radiochemical impacts to the North Walnut Creek Drainage	
Status update on the Solar Evaporation Pond (SEP) Radiochemical impacts to the North Walnut Creek Drainage - this letter serves as a status update on the corrective actions proposed in the June 8, 1990 report, Radiochemical impacts to the North Walnut Creek Drainage, Necessary Corrective Measures.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-A-000002.PDF	1 MB
I101-A-000003	1/11/1995
Inventory Pondcrete Processing Conceptual Design White Paper, January 6, 1995	
Transmittal of Inventory Pondcrete Processing Conceptual Design White Paper, January 6, 1995 Solar Pond Projects White Paper Report enclosed - this White Paper, which is the first deliverable, provides a general design and engineering basis for a system that will treat the inventory Pondcrete to the performance standards defined in the draft Interim Measure / Interim Remedial Action (IM/IRA) Decision Document (DD) for disposal under the Operable Unit OU04 Cap.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000003.PDF	3 MB

I101-A-000005	1/25/1995
Inventory Pondcrete Processing Conceptual Design White Paper, January 6, 1995	
Answers to Colorado Department of Public Health and Environment (CDPHE) questions: The Inventory Pondcrete Processing Conceptual Design White Paper, January 6, 1995 why the correlation is expected to be poor, and a comparison of the HALLIBURTON analytical data for the Analyte List for Pondcrete and Clarifier Sludge are attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000005.PDF	405 KB
I101-A-000006	2/21/1995
Response to questions from Rocky Flats CAB Waste Management Subcommittee	
Response to questions from the Rocky Flats Citizen's Advisory Board (CAB) Waste Management Subcommittee.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000006.PDF	169 KB
I101-A-000007	2/21/1995
Reminder of decision not to core sample 207B South	
Reminder of decision not to core sample 207B South; as was agreed in the February 1, 1995 Joint Working Group meeting, EG&G Rocky Flats, Inc. will secure core samples directly below 207C Pond to gather characterizations data on the soils beneath 207C. EG&G will not be required to investigate the soils beneath 207B South because the surrounding characterization studies have provided the data deemed necessary to adequately characterize those soils; record decision draft attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000007.PDF	141 KB
I101-A-000008	3/4/1994
Submission of Part IV and V, Conceptual Design and Post Closure Monitoring Plan	
Submission of Part IV and V (Conceptual Design and Post Closure Monitoring Plan, respectively) Appendices of the Operable Unit OU04 Solar Evaporation Pond (SEP) Interim Measure / Interim Remedial Action (IM/IRA) Decision Document (DD).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000008.PDF	21 MB
I101-A-000009	12/7/1994
Provides the revised schedule for the closure of OU04, SEPs	
Provides the enclosed revised schedule for the closure of Operable Unit OU04, Solar Evaporation Ponds (SEP) - Per correspondence dated November 23, 1994, the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD), as Lead Regulatory Agency hereby approves the enclosed revised closure schedule from June 23, 1994 extending it to November 16, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000009.PDF	175 KB
I101-A-000010	3/8/1994
Safety Analysis Requirements	

Safety Analysis Requirements (SAR) for Interim Closure of the Solar Evaporation Ponds (SEPs); attached proposed safety analysis approach to the SEP - NSE's position that the most cost effective means of complying with the US Department of Energy (DOE) safety orders for the engineered barrier is to credit safety and risk assessments contained in the Interim Measure / Interim Remedial Action (IM/IRA) Decision Document (DD)

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000010.PDF 440 KB

I101-A-000011 7/15/1993

Comments on Appendix E to the Quality Assurance Addendum

Colorado Department of Health (CDH) comments on Appendix E to the Quality Assurance Addendum (QAA) to the Interim Measure / Interim Remedial Action (IM/IRA) for the Solar Evaporation Ponds (SEPs) - CDH comments addressed in Revision 0 of the QAA, which was approved on May 20, 1993.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000011.PDF 122 KB

I101-A-000012 5/10/1993

Testing and Operational Startup of the Building 910 Evaporators

Quality Assurance Addendum (QAA), Appendix E, Operable Unit OU04 Interim Measure / Interim Remedial Action (IM/IRA) - Colorado Department of Health (CDH) and US Environmental Protection Agency (EPA) approval of this document is not a prerequisite to the start of Qualification (Hot Spot) Testing and Operational Startup of the Building 910 Evaporators.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000012.PDF 78 KB

I101-A-000013 1/22/1993

Failure to Comply letter, Solar Evaporation Ponds

Response to 'Failure to Comply' letter, Solar Evaporation Ponds (SEP) Interim Measures / Interim Remedial Action Plan (IM/IRA) 'Failure to Comply' letter attached - The schedule for diverting the Interceptor Trench (ITS) water to the Surge Tanks can be compressed if the Modular Tank design is modified to delete the .020" Ultraviolet Protection Internal Liners.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000013.PDF 1 MB

I101-A-000014 3/3/1994

Inclusion of Building 788 actions within the OU04 Activity Data Sheet (ADS)

Inclusion of Building 788 Actions within the Operable Unit OU04 Activity Data Sheet (ADS) - On December 2, 1993, the US Department of Energy (DOE) directed EG&G Rocky Flats, Inc. to revise Solar Evaporation Ponds (SEP) Work Packages and develop new Work Packages to support the removal of B788 by September 30, 1994. Since the OU04 Dispute Resolution Schedule would not support the removal of the building by this accelerated date, DOE recognized that the building removal would have to be extracted from the OU04 closure process. It was also recognized that this approach was partially dependent upon regulatory support, which seemed likely at the time. The anticipated support has since evaporated and given the alternatives, DOE has elected to redirect EG&G to include the B788 removal actions within the OU04 closure process. The requirement that B788 removal occur prior to September 30, 1994 is additionally rescinded.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000014.PDF 149 KB

I101-A-000015	5/11/1994
Notification to the CDH of a potential extension to the IAG Milestone for OU04	
Notification to the Colorado Department of Health (CDH) of a potential extension to the Interagency Agreement (IAG) Milestone for Operable Unit OU04.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000015.PDF	123 KB
I101-A-000016	1/23/1995
Implementation of Phase II RFI/RI WP	
Implementation of Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Work Plan (WP).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000016.PDF	92 KB
I101-A-000017	3/9/1995
Informal review on Class I Modification for Building 964, RCRA Unit 24	
Informal review on Class I Modification for Building 964, Resource Conservation and Recovery Act (RCRA) Unit 24; draft letter attached. Per US Department of Energy, Rocky Flats Field Office (DOE/RFFO) request, EG&G Rocky Flats, Inc. has analyzed the changes needed to use the Site's Part B Permit Closure Plan for B964, RCRA Unit 24. The use of the Plan appears to present no risk to successfully completing the Operable Unit OU04 closure.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000017.PDF	287 KB
I101-A-000019	11/16/1994
Non-Radiological Status of Ponds/sludge from Ponds 207A and 207B	
Non-Radiological Status of Ponds/sludge from Ponds 207A and 207B; Sample Solar Evaporation Pond (SEP) Project data attached - The Ponds/sludge from Pond 207A and the three (3) 207 B Ponds is below the threshold that the Department of Transportation (DOT) used to determine whether shipped material is considered radiological or not. Ponds/sludge taken from the Ponds is considered to be non-radiological material. Since the Sludge is more contaminated than the Pond liquid, the liquid is also below the radioactivity threshold. Any material removed from these Ponds is therefore exempt from any DOT regulations specific to radioactive material.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000019.PDF	596 KB
I101-A-000020	9/28/1993
Response to Remedial Design package for OU04 IM/IRA	
Response to Remedial Design package for the Operable Unit OU04 Interim Measure / Interim Remedial Action (IM/IRA), the Solar Evaporation Ponds (SEPs).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000020.PDF	67 KB
I101-A-000021	2/11/1994
Formally provides materials requested in January 27, 1994 letter for OU04 SEP	
Formally provides materials requested in January 27, 1994 letter for the Operable Unit OU04 Solar Evaporation Ponds (SEP); materials list attached.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000021.PDF	281 KB
I101-A-000022	7/26/1994
750 Pad Sludge Characterization for 207 C-Pond and the Clarifier	
750 Pad Sludge Characterization for 207 C-Pond and the Clarifier (Resource Conservation and Recovery Act (RCRA) Unit 25).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000022.PDF	147 KB
I101-A-000023	3/27/1995
Status and plans for Solar Evaporation Ponds	
Status and plans for Solar Evaporation Ponds (SEP) Interim Measures / Interim Remedial Action Plan (IM/IRA) Pre-Closure Construction; draft letter attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000023.PDF	163 KB
I101-A-000024	6/9/1994
Denial of request for schedule extension and modification, OU04	
Denial of request for schedule extension and modification to the Interim Measure / Interim Remedial Action (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEPs), Operable Unit OU04.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000024.PDF	112 KB
I101-A-000025	3/1/1994
OU04 IM/IRA, Part III: Re Evaluation of Organic Analytes	
Operable Unit OU04 Part III Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Analysis - The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division's, the Division (HZMD), primary concern with this Section is the evaluation of Organic Analytes.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000025.PDF	179 KB
I101-A-000026	12/7/1993
Correspondence concerning RCRA B788 D&D	
Correspondence concerning Resource Conservation and Recovery Act (RCRA) Building 788 Decontamination and Decommissioning (D&D) - ... in the interest of expedience and cost effectiveness it appears that the best regulatory approach to cover this actions is first to close the RCRA units under a normal closure process and then proceed with building removal under US Department of Energy, Rocky Flats Field Office's (DOE/RFFO) operational authority. The foundation of the building and buried utilities willbe addressed under the pond closure Interim Measures / Interim Remedial Action Plan (IM/IRA) agreement. A key factor in this decision is that the character of the B788 project is changing ...	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000026.PDF	107 KB
I101-A-000027	10/17/1994
Approval determination of the OU04 Phase II RFI/RI WP	

Approval determination of the Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Work Plan (WP); US Environmental Protection Agency (EPA) comments attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000027.PDF	707 KB
I101-A-000028	1/31/1995
CX 09-95, Phase II RFI/RI	
Letter providing the enclosed copy of US Department of Energy, Rocky Flats Field Office (DOE/RFFO) / CX 09-95, Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Site Characterization for Operable Unit OU04 Solar Evaporation Ponds (SEP).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000028.PDF	727 KB
I101-A-000029	5/9/1994
Conditional HZMD approval for change to Interim Status Tank Stg on the 750 Pad for 207 C-Pond and the Clarifier	
Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD), conditional approval for a change to Interim Status Tank Storage on the 750 Pad (Resource Conservation and Recovery Act (RCRA) Unit 25) for 207 C-Pond and the Clarifier.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000029.PDF	145 KB
I101-A-000030	2/28/1995
Transmitting a copy of the OU04 SEP IM/IRA EA DD	
As part of the obligations as a Natural Resource Trustee for the Rocky Flats Environmental Technology Site (RFETS), the US Department of Energy (DOE) is hereby transmitting a copy of the Operable Unit OU04: Solar Evaporation Ponds (SEPs) Interim Measure / Interim Remedial Action (IM/IRA) Environmental Assessment (EA) Decision Document (DD) for the Trustee's review and comment.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000030.PDF	100 KB
I101-A-000031	6/5/1995
Transmittal of OU04 Phase I IM/IRA Draft Responsiveness Summary.	
Transmittal of Operable Unit OU04 Phase I Interim Measure / Interim Remedial Action (IM/IRA) Draft Responsiveness Summary (RS).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000031.PDF	194 KB
I101-A-000032	5/23/1995
Draft copy of minutes from May 17, 1995 team meeting for review and comment	
Draft copy of the meeting minutes from the May 17, 1995 team meeting for review and comment.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000032.PDF	120 KB
I101-A-000033	2/23/1993
Final comment to B910 Safety Analysis Report agreed February 16, 1993	

Final comment to the Building 910 Safety Analysis Report (SAR) agreed upon in the February 16, 1993, joint US Department of Energy, Headquarters (DOE/HQ), Rocky Flats Field Office (RFFO) and EG&G Rocky Flats, Inc. SAR Comment Resolution meeting.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000033.PDF 2 MB

I101-A-000034

3/7/1995

Crate Management Plan

Crate Management Plan for the 150 metal crates of Sludge from Solar Evaporation Pond (SEP) 207 C stored on the 750 Pad.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000034.PDF 466 KB

I101-A-000035

1/26/1993

Delisting Pondcrete from the Solar Ponds Remediation Program

Rocky Flats Office (RFO) Waste Management and Environment Division (WMED) and the Environmental (ERD) Reviews of the memorandum 92-RF-14518, Subject: Delisting Pondcrete from the solar Ponds Remediation Program and memorandum EML-187-92, Subject: Lines of authority and Responsibility Regarding Solar Ponds Remediation Program.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000035.PDF 201 KB

I101-A-000036

7/14/1994

Suspension of C-Pond Sludge Removal Operations

Suspension of C-Pond Sludge Removal Operations - Documents plans in response to the Colorado Department of Health (CDH) rejection of the Exiting Sludge Characterization for Solar Evaporation Pond (SEP) 207 C and the Resource Conservation and Recovery Act (RCRA) Unit 48 Clarifier.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000036.PDF 177 KB

I101-A-000037

7/22/1994

OU04 Phase II schedule extension

Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facility Investigation / Remedial Investigation (RFI/RI) Work Plan (WP), Interagency Agreement (IAG) schedule extension.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000037.PDF 197 KB

I101-A-000038

7/22/1994

Regard to existing and proposed IAG Milestones for remediation of OU04

Continuation of Work on Operable Unit OU04 Remediation - This correspondence will serve to inform US Department of Energy, Rocky Flats Field Office (DOE/RFFO) of EG&G Rocky Flats, Inc.'s status with regard to existing and proposed Interagency Agreement (IAG) Milestones for remediation of OU04. EG&G is currently working to accomplish the scope defined in their last change proposal and authorized by the various change control boards. This scope results in closure of the Solar Ponds with treated pond sludge disposed under the engineered barrier as part of the interim action.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000038.PDF 259 KB

I101-A-000039

1/6/1995

IAG Milestone SEPs emptied of water and sludge will be missed	
Interagency Agreement (IAG) Milestone Solar Evaporation Ponds (SEP) emptied of water and sludge will be missed; Letter that the US Department of Energy, Rocky Flats Field Office (DOE/RFFO), with an IAG milestone due for the Rocky Flats Environmental Technology Site (RFETS) SEP, on January 20, 1995 may be missed, attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000039.PDF	178 KB
I101-A-000040	10/26/1994
Requesting concurrence with a proposal to implement Subsection 3.1.3.3	
The US Department of Energy (DOE) requests the Colorado Department of Public Health and Environment (CDPHE) and US Environmental Protection Agency (EPA) request concurrence with a proposal to implement Subsection 3.1.3.3 of the Final Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04; Request for approval to change Building 910 inspection schedule attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000040.PDF	265 KB
I101-A-000041	5/20/1994
ASRP Special Assessment	
Accelerated Sludge Removal Project (ASRP) Special Assessment	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000041.PDF	113 KB
I101-A-000042	10/28/1994
Recently approved OU02 IAG Milestones	
Recently approved Operable Unit OU02 Interagency Agreement (IAG) Milestones.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000042.PDF	127 KB
I101-A-000043	1/4/1992
Failure to Comply with IAG Milestones, OU04	
Failure to Comply with Interagency Agreement (IAG) Milestones, Operable Unit OU04 Interim Measure / Interim Remedial Action (IM/IRA) Decision Document (DD).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000043.PDF	193 KB
I101-A-000044	4/14/1994
Evidence of readiness to proceed with C-Pond and Clarifier operations	
Evidence of readiness to proceed with C-Pond and Clarifier operations of the Accelerated Sludge Removal Project; special assessment checklist attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000044.PDF	3 MB
I101-A-000045	2/23/1993
Final Comments on Building 910 Health and Safety Plan	

Transmittal of Final Comments on Building 910 Health and Safety Plan (HASP); Technical Review of Final HASP for Rocky Flats Plant (RFP), B910 attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000045.PDF	792 KB
I101-A-000046	12/6/1993
Change to Interim Status for Pond Sludge Storage	
Change to Interim Status for Pond Sludge Storage - Detailed response to the Colorado Department of Health (CDH) letter of November 26, 1993	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-A-000046.PDF	5 MB
I101-A-000047	7/19/1993
Analysis Report for the Accelerated Sludge Removal Project	
Options Analysis Report for the Accelerated Sludge Removal Project, Final Draft dated July 19, 1993.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000047.PDF	12 MB
I101-A-000048	12/18/1998
Closeout of Dec 17 Compliance Advisory issued for cleanup of SEPs	
Colorado Department of Public Health and Environment (CDPHE) Closeout of the December 17, 1997 Compliance Advisory issued for cleanup of the Solar Evaporation Ponds (SEPs); US Environmental Protection Agency (EPA) ID No. C07890011526	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000048.pdf	110 KB
I101-A-000049	1/19/1999
Pond Sludge Disposal Quality Assurance Project Plan	
RMRS Procedure: Pond Sludge Disposal Quality Assurance Project Plan (QAPjP) - the objective of the Rocky Mountain Remediation Service (RMRS) project is to remove an estimated 2400 Cubic Meters of Low-Level Mixed Pond Sludge currently stored in eighty-two (82) 10,000 gallon Polyethylene Tanks located on the 750 Pad in Tents 3, 4, and 6. The Pond Sludge will be pumped from the tanks, de-watered, mixed with absorbents, packaged in waste containers, receive final analysis, and shipped to an approved disposal site. The current schedule calls for the shipment of 150 cubic meters of Sludge before June 30, 1999, and the balance to be shipped before the end of Fiscal year 2000 (FY00).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000049.pdf	585 KB
I101-A-000051	1/19/1999
Pond Sludge Disposal Quality Assurance Project Plan (QAPjP), January 19, 1999 - March 22, 1999 changes	
Rocky Mountain Remediation Services (RMRS) Document: Pond Sludge Disposal Quality Assurance Project Plan (QAPjP), January 19, 1999 - March 22, 1999 changes to page 3/4 are indicated by the vertical change bar in the left margin.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000051.pdf	410 KB
I101-A-000052	1/19/1999

Pond Sludge Disposal QAPjP, January 19, 1999 - May 4, 1999 changes	
Rocky Mountain Remediation Services (RMRS) Document: Pond Sludge Disposal Quality Assurance Project Plan (QAPjP), January 19, 1999 - May 4, 1999 changes to page 11/12 are indicated by the vertical change bar in the left margin.	
http://www.lm.doe.gov/cercla/documents/RockyFlats_docs/I101/I101-A-000052.pdf	99 KB
I101-A-000053	10/19/1997
Immobilization of Residual Solar Evaporation Pond (SEP) Sludge	
Immobilization of Residual Solar Evaporation Pond (SEP) Sludge - As part of the ongoing SEP closure activities, Rockwell International is currently engaged in removal of water for treatment as process wastewater, and removal of sludge for immobilization in a concrete matrix. US Department of Energy, Rocky Flats Field Office (DOE/RFFO) is concerned about the potential for resuspension of particulate matter from the solar ponds and has expressed this concern verbally to Rockwell's Resource Conservation and Recovery Act (RCRA) / Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) Program personnel.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000053.pdf	86 KB
I101-A-000054	5/17/1990
Surface Water and Ground Water Data Review - Solar Ponds	
Surface Water and Ground Water Data Review - Solar Ponds: The Environmental Restoration Division of the US Department of Energy, Rocky Flats Field Office (DOE/RFFO) has been reviewing data from surface and groundwater monitoring stations at and adjacent to the Solar Evaporation Ponds (SEP) (2nd, 3rd, and 4th Quarter). It is apparent from these data that there are numerous Radionuclides of high concentration in both surface and ground water at and adjacent to the SEP area. DOE is requesting EG&G Rocky Flats, Inc. conduct a thorough analyses of these data and provide DOE with a report indicating the significance and course of action necessary to resolve any environmental impact. Due to the potential significance of these Radionuclide levels and after discussion with EG&G staff, this information and a summary report is requested by May 25, 1990.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000054.pdf	341 KB
I101-A-000055	3/13/1990
Re-Establishment of SEP Freeboard and Contingency Plan for additional water runoff	
Re-Establishment of Solar Evaporation Pond (SEP) Freeboard and Contingency Plan for additional water runoff - Due to runoff from the blizzard of March 6, 1990 and temporary inability to transfer pond water from the 207B Ponds, the established freeboard levels have been exceeded. With the continued accumulation of runoff from the North end of the Rocky Flats Plant (RFP) through the French Drain / Interceptor Trench System to the central sump, continual pumping of the sump into 207B North Pond requires prompt intervention to reduce 207B Pond levels ...	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000055.pdf	130 KB
I101-A-000056	3/3/1999
Pond Water Management IM/IRA information	

The Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD) is forwarding the attached information for use in writing and Scoping the Pond Water Management Interim Measures / Interim Remedial Action (IM/IRA). Additionally, this information is important for any interim water management implemented prior to the IM/IRA.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000056.pdf	504 KB
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I101-A-000062	8/5/1994
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Meeting Notes: OU04 Phase II RFI/RI Program Working Meeting No. 1

Provides meeting notes for Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Program Working Meeting No. 1, August 5, 1994.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000062.pdf	701 KB
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I101-A-000063	9/14/1994
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Approach to Surficial Soil Sampling OU04 Phase II RFI/RI Requirements Post Closure Assessment

Provides approach to Surficial Soil Sampling Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Requirements Post Closure Assessment.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000063.pdf	80 KB
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I101-A-000064	9/8/1994
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OU04 Phase I RFI/RI Ecological Evaluation

Interoffice correspondence for Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Ecological Evaluation. The RFI/RI Program has obtained a "wavier" for the entire Baseline Risk Assessment (BRA) requirements, including the Environmental Evaluation (EE) requirements from the US Environmental Protection Agency (EPA), and Colorado Department of Public Health and Environment (CDPHE).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000064.pdf	56 KB
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I101-A-000067	8/23/1994
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Solar Pond IM/IRA Weekly Status Meeting Notes, Revised

Solar Pond Interim Measures / Interim Remedial Action (IM/IRA) Weekly Status Meeting Notes, Revised, August 23, 1994.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000067.pdf	371 KB
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I101-A-000068	8/5/1994
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Solar Pond IM/IRA Weekly Status Meeting Notes, Revised

Solar Pond (SEP) Interim Measures / Interim Remedial Action (IM/IRA) Weekly Status Meeting Notes, Revised, August 5, 1994.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000068.pdf	212 KB
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I101-A-000070	9/14/1994
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Schedule for Completion of the Phase I RFI/RI Report	
Submits the enclosed correspondence regarding Engineering-Science, Inc. Parsons Environmental Services, Inc. letter dated September 12, 1994. Schedule for Completion of the Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Report.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000070.pdf	108 KB
I101-A-000071	9/15/1994
Comments on Draft Major Activity Document, OU04	
Provides letters from EG&G Rocky Flats, Inc., and US Department of Energy (DOE) submitting comments on the Draft Major Activities Document Operable Unit OU04, in reference of Plant Action Tracking System (PATS) Item No. 03474RF94.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000071.pdf	630 KB
I101-A-000072	9/19/1994
904 Pad Compliance Schedule: Requests concurrence on attached schedule	
Interoffice correspondence: Submitting the 904 Pad Compliance Schedule. Attached are the proposed schedule for the repack/restack of the 904 Pad and the Basis of Estimate (BOE) sheets for that activity.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000072.pdf	560 KB
I101-A-000073	9/14/1994
Modification of Subcontract MTS350814PA3 between EG&G and Walsh and Associates	
Interoffice correspondence: Solar Pond Project request of the preparation and execution of a modification to Subcontract No. MTS350814PA3 with Walsh and Associates to accomplish the enclosed provisions.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000073.pdf	71 KB
I101-A-000075	9/6/1994
Sludge White Paper transmittal (White Paper not included)	
Interoffice correspondence: The White Paper entitling Accelerated Sludge Processing Conceptual Design is transmitted. This document is intended to guide over efforts to place sludge under the cap of Operable Unit OU04. (White Paper not included)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000075.pdf	44 KB
I101-A-000078	8/24/1994
Requests add'l toxicological info for number of chemicals detected in SEP, OU04	
Provides request for additional toxicological information for a number of chemicals detected in the Solar Evaporation Pond (SEP), Operable Unit OU04.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000078.pdf	78 KB
I101-A-000079	8/16/1994

Re tour SEP to id sensitive ecological areas and discuss potential issues re wildlife and plant species inhabiting the OU04 area	
On August 16, 1994 Engineering-Science, Inc. and EG&G Rocky Flats, Inc. toured the Operable Unit OU04 Solar Evaporation Pond (SEP) area to identify sensitive ecological areas and discuss potential issues concerning wildlife and plant species inhabiting the OU04 area. The tour focussed on three areas: the SEPs, the North Hillside, and the Buffer Zone. Tour report included.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000079.pdf	228 KB
I101-A-000082	8/29/1994
Window of Opportunity to place Pondcrete under the Cap	
Interoffice correspondence: This letter documents a need for immediate direction and authorization if Pondcrete is to be included in Operable Unit OU04 Phase I remediation.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000082.pdf	105 KB
I101-A-000084	9/1/1994
Revised IAG Milestone for OU04 Phase I	
Letter in regards with the revised Interagency Agreement (IAG) Milestones for Operable Unit OU04 Phase I - Solar Pond Plume (SPP) has begun preparing new commitment milestone dates for OU04 Phase I, and there is a potential schedule slip of at least three months in the start of OU04 Phase I construction arising from regulator reviews of OU04 documentation. This letter document the analysis.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000084.pdf	155 KB
I101-A-000085	8/30/1994
SEP: Design Integration Meeting Minutes	
Provides Design Integration meeting notes for Solar Evaporation Pond (SEP) Operable Unit OU04, August 30, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000085.pdf	140 KB
I101-A-000086	8/31/1994
Telecon: OU04 IM/IRA Sludge Processing and Modeling	
Provides the record of telephone conversation for the Operable Unit OU04 Interim Measures / Interim Remedial Action (IM/IRA) Sludge Processing and Modeling, August 31, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000086.pdf	118 KB
I101-A-000088	6/23/1994
E-Mail: OU04 SEP Dispute: Denial of extension request associated with proposal to modify work	
Submitting E-Mail correspondence for the Operable Unit OU04 Solar Evaporation Pond (SEP) Dispute: Denial of extension request associated with a proposal to modify work, June 23, 1994. Decision of the Interagency Agreement (IAG) Project Coordinators.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000088.pdf	144 KB

I101-A-000089	9/2/1994
Treatability Study for Existing Pondcrete and Saltcrete	
Interoffice correspondence: Treatability Study for Existing Pondcrete and Saltcrete - Currently the Solar Pond Plume (SPP) has a contract in place under Master Task Subcontract (MTS) for a treatment study of Pondcrete and Saltcrete for a cement based treatment. As a result of recent revised program direction from US Department of Energy (DOE), Rocky Flats Field Office (RFFO) to plan on placing the Pondcrete under the Operable Unit OU04 Resource Conservation and Recovery Act (RCRA) cap, there is no longer a SPP need to continue this effort. Unless there is another plant need to continue this effort, and funds to support the contract, the SPP intends to cancel the contract in the very near future.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000089.pdf	61 KB
I101-A-000091	9/6/1994
Modifications to Subcontract 343780GG3 for Engineering Science, Inc. in support of OU04 Phase II RFI/RI Program	
Interoffice correspondence: In accordance with EG&G Rocky Flats, Inc. "Environmental Restoration 2000" initiative (ER 2000), the Solar Pond Projects (SPP) is restructuring the Interagency Agreement (IAG) requirements for Operable Unit OU04 to reflect a streamlined remediation strategy. Consequently, this initiative requires that the OU04 Phase II IAG process be modified.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000091.pdf	104 KB
I101-A-000093	9/8/1994
SOW revision 4 for contract; SOW for SEP OU04 IAG Phase I RFI/RI and IM/IRA Streamline Program enclosed	
Interoffice correspondence: Submits the enclosed Statement of Work (SOW) for Solar Evaporation Pond (SEP) Operable Unit OU04 Interagency Agreement (IAG) Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) and Interim Measures / Interim Remedial Action (IM/IRA) Streamline Program, Revision 4 for Contract MTS343756GG3. The objective of this SOW is to develop a streamline closure strategy in the form of the IM/IRA Decision Document (DD) which shall satisfy the Rocky Flats IAG and Colorado Hazardous Waste Act Regulations (CHWA).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000093.pdf	1 MB
I101-A-000095	9/2/1994
Weekly Project Status Report	
Provides the transmittal of the Weekly Project Status Report for the period of August 26, 1994 - September 2, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000095.pdf	185 KB
I101-A-000096	9/7/1994
Record of Telephone Conversation: OU04 SEP IM/IRA: Soil strength discussions	
Provides the Record of Telephone Conversation for Operable Unit OU04 Solar Evaporation Ponds (SEP) Interim Measures / Interim Remedial Action (IM/IRA). Discussion on the soil strength and modeling.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000096.pdf	193 KB

I101-A-000097	9/8/1994
Technical Evaluation for Removal of Cement Silos and Structural Steel at B788	
Interoffice correspondence: Technical Evaluation for Removal of Cement Silos and Structural Steel at Building 788.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000097.pdf	192 KB
I101-A-000098	9/1/1994
Draft: Notification CDPHE of DOE plans implement 904 Pad Compliance Plan	
Draft for the Notification to Colorado Department of Public Health and Environment (CDPHE) that the Department of Energy (DOE) plans to implement the Rocky Flats Environmental Technology Site (RFETS) 904 Pad Compliance Plan even though the requested concurrence from CDPHE requested in correspondence dated May 26, 1994, has not been received.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000098.pdf	44 KB
I101-A-000099	8/29/1994
Response to Agency comments on Draft Proposed IM/IRA-EA Decision Document	
Submits the enclosed Response to Regulatory Agency Comments on the Draft Proposed Interim Measures / Interim Remedial Action (IM/IRA)-EA Decision Document (DD), May 1994. This document is compiled to meet the milestone that was established for an Interagency Agreement (IAG) secondary document summarizing the results of the Dispute Resolution Baseline Re-evaluation. The final document is due for submittal to the CDPHE/EPA on September 12, 1994. This draft document is provided for EG&G Rocky Flats, Inc. / US Department of Energy (DOE) review prior to submittal to the regulatory agencies.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000099.pdf	5 MB
I101-A-000102	9/22/1994
Completion and Closure of Radiological Deficiency Report No. 94-0226	
Interoffice correspondence: The Completion and Closure of Radiological Deficiency Report (RDR). Critique Meeting Minutes included.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-a-000102.pdf	1 MB
I101-A-000103	9/22/1994
Meeting Minutes: Solar Ponds Projects ASRP/Treatment Project Planning and Coordination Meeting	
Interoffice correspondence: Provides Meeting Minutes for the Solar Ponds Projects (SPP) Accelerated Sludge Removal Project (ASRP)/Treatment Project Planning and Coordination Meeting.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000103.pdf	238 KB
I101-A-000104	9/13/1994
RCRA sample of 231 Tank Sludge	
Interoffice correspondence: Letter discusses Resource Conservation and Recovery Act (RCRA) Sample of 231 Tank Sludge.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000104.pdf	86 KB
I101-A-000105	9/9/1994
Weekly Project Status Report	
Weekly Project Status Report for the Period of September 2, 1994 through September 9, 1994. This report has been prepared in accordance with the request for a weekly summary of activities and action items, and merges the report of the Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Project, the OU04 Interim Measures / Interim Remedial Action (IM/IRA) Project, and the OU04 Phase II Project.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000105.pdf	194 KB
I101-A-000106	9/13/1994
Meeting Minutes: Solar Ponds Projects Joint Staff meeting	
Submits the enclosed Meeting Minutes from the Solar Pond Projects; Joint Staff Meeting, August 31, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000106.pdf	286 KB
I101-A-000107	9/14/1994
Response to questions	
The Rocky Flats Field Office requested the attached, which are the responses to the questions to the Citizen's Advisory Board Waste Management Subcommittee Meeting for August 19, 1994	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000107.pdf	334 KB
I101-A-000108	9/14/1994
Subcontract (MTS343790TB3) modification in support of IAG requirements; SOW for SEP OU04 IAG Phase I IM/IRA Program enclosed	
Interoffice correspondence: Subcontract Modification in support of Operable Unit OU04 Interagency Agreement (IAG) Requirements - Subcontract No. MTS343790TB3. Including the Statement of Work (SOW) for Solar Evaporation Pond (SEP) OU04 IAG Phase II Interim Measures / Interim Remedial Action (IM/IRA) Program, Revised 4, Justification for Out of Order Task Rotation, Purchase Requisition, Independent Cost Estimate, and Organizational Conflict of Interest.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000108.pdf	2 MB
I101-A-000109	9/16/1994
Meeting Minutes: OU04 Program Coordination	
Provides Minutes of Meeting for Operable Unit OU04 Program Coordination, September 12, 1994. Enclosed with OU04 Programmatic Meeting Agenda.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000109.pdf	626 KB
I101-A-000110	10/3/1994
Daily Progress/Problems meeting for Accelerated Sludge Removal Project	

Interoffice correspondence: In regards to the Daily Progress/Problems Meeting for Accelerated Sludge Removal Project (ASRP).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000110.pdf 55 KB

I101-A-000111 9/28/1994

Transmits of the revised Field Schedule for review and approval

Transmits the enclosed revised Field Schedule for Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Requirements Post Closure Assessment for review and approval.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000111.PDF 468 KB

I101-A-000113 10/3/1994

Draft of new IAG commitment schedule and assumptions

Interoffice correspondence: Provides Draft of new Interagency Agreement (IAG) Commitment Schedule and Assumptions. This letter documents the schedule used for the Joint Working Group presentation on September 27, 1994. The Critical Path Gantt Chart, Summary Milestone Table, and assumptions are attached.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000113.PDF 703 KB

I101-A-000114 8/11/1994

EM Inspection Report

EG&G Rocky Flats, Inc., Environmental Management Inspection Report (EMIR), Geotechnical Investigation (to support interim measure/ interim remedial action for OU04). According to EG&G Environmental Restoration Document Control, although this Health and Safety Plan (HASP) is currently uncontrolled, a Document Modification Request (DMR) to control this document was recently submitted and is in progress to begin control of this plan. Inspection dates, August 11, 12, 15, & 17, 1994.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000114.PDF 1 MB

I101-A-000115 12/14/1992

Subcontract RF solar pond/pondcrete project

Correspondence regarding subcontract Rocky Flats (RF) Solar Pond / Pondcrete Project. Discussion of importance for the Accrual Report to be received by EG&G Rocky Flats, Inc. on the 20th of every month. Attached is a letter from EG&G regarding subcontract accrual requirements and subcontractor performance evaluation file.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000115.PDF 157 KB

I101-A-000116 10/30/1992

Accrual report for week ending October 24, 1992

Correspondence regarding Subcontract Rocky Flats (RF) Solar Pond / Pondcrete Project submittal of Accrual Report for week ending October 24, 1992. Solar Pond / Saltcrete Project forecast of weekly costs thru 21 November 1992.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000116.PDF 410 KB

I101-A-000117	10/7/1994
904 RCRA Unit 15B Compliance Plan - Concurrence	
<p>Colorado Department of Public Health and Environment (CDPHE) discusses to the US Department of Energy (DOE) and EG&G Rocky Flats, Inc., that the Colorado Department of Health (CDH), Hazardous Waste Management Division (HZMD) has reviewed the document submitted with the September 23, 1994 correspondence (94-DOE-10061) concerning the 904 Pad Compliance Plan. The Division concurs with the date of July 31, 1995 as the date on which Rocky Flats Environment Technology Site (RFETS) must be in compliance with all Colorado Hazardous Waste Requirements relating to the management of waste on the 904 Pad.</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000117.PDF	88 KB
I101-A-000118	3/23/1994
RFP Unit 15B, Mixed Waste Storage Area, 904 Pad	
<p>US Department of Energy, Rocky Flats Field Office (DOE/RFFO), withdraws the submission requesting a change to interim status for a waste pile for Rocky Flats Plant (RFP) Unit 15B, Mixed Waste Storage Area, 904 Pad. Also including the February 1994 Update to the March 1993 750/904 Pad Compliance Plan. The February 1994 Update analyzed the impacts to the original study resulting from the changed conditions on the Solar Ponds Program (i.e., storage of sludge in ranks, deferral of sludge cementation). The update investigation resulted in a recommendation to repack the waste on the 904 Pad into DOE approved containers with a subsequent stacking of these containers to make maximum use of the available tent space. It is the effective approach to resolve the container inspectability issue for the Pad. (Plan not enclosed)</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000118.PDF	92 KB
I101-A-000119	1/11/1994
Basis for Interim Operations, 207B Pond Sludge - Concurrence	
<p>Rocky Flats Field Office (RFFO) Environmental Restoration concurs with the Basis for Interim Operations (BIO) for removal of pond sludge by vacuum truck and storage in tanks on the 750 Pad. RFFO Environmental Safety and Health has completed a technical review of the Basis for Interim Operations, and concurs with EG&G Rocky Flats, Inc.'s (EG&G's) hazards analysis. The hazards from the sludge storage are within the safety envelope presented in the Draft Final Safety Analysis Report for the 750/904 Pad. (Report not included)</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000119.PDF	78 KB
I101-A-000123	9/26/1994
Treatment System and Staging Area Footprints and Vertical Clearances for Pond Sludge CDR	
<p>Memoranda transmitting letter and supporting documents regarding the Treatment System and Staging Area Footprints and Vertical Clearances for Pond Sludge CDR. The process flow diagram has been included to assist in understanding the equipment arrangement.</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000123.PDF	320 KB
I101-A-000124	10/3/1994
Revised Utility Verification Work Plan for OU04 Solar Ponds IM/IRA	

Letter submitting the enclosed, revised Utility Verification Work Plan for Operable Unit OU04 Solar Ponds Interim Measures / Interim Remedial Action (IM/IRA). The purpose of this field work plan is to verify the location of existing utilities located within the area of the Solar Evaporation Ponds (SEP). This project is being undertaken in support of the proposed engineered cover as identified within the IM/IRA Decision Document for OU04. The objective of this work plan is to verify the location of utilities prior to the commencement of excavation activities. This investigation is considered a crucial aspect of the OU04 IM/IRA due to the potential for worker injury and/or construction downtime or environmental contaminant release, as well as disrupting utilities which support ongoing site operations and maintenance functions.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000124.PDF	378 KB
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I101-A-000132	8/19/1994
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Final Draft OU04 SEP Dispute on the Denial of Extension Request

Letter of transmittal of the copy "Final Draft Operable Unit OU04 Solar Evaporation Ponds (SEP) Dispute on the Denial of Extenuation Request Associated with a Proposal to Modify Work Scope Issues Disposition" (Revision 3.) The presentation of the design basis and evaluation covered several factors: Surface Water Infiltration Abatement performance of the engineered barrier, Long-term Durability of the Remedial Action, and protection of groundwater from the effects of future vadose zone soil saturation by groundwater.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000132.PDF	387 KB
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I101-A-000138	8/18/1994
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OU04 Post Closure Performance Monitoring Program

Interoffice correspondence: EG&G Rocky Flats, Inc. discusses the Operable Unit OU04 Post Closure Performance Monitoring Program (PCPMP). In June 1994, the Solar Pond Project (SPP) discussed potential teaming opportunities with the Soil Science Team (SST) in support of OU04 PCPMP. Specifically, the SPP was interested in obtaining services from the SST for technical/peer review of the PCPMP and potential testing and analysis of Frequency Domain Capacitance Probes.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000138.PDF	92 KB
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I101-A-000140	10/7/1994
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Comments suggested state regulations on naturally occurring radioactive material

Letter regarding comments to the draft suggested state regulations on naturally occurring radioactive material, September 13, 1994. These comments concern the impact this draft of Part N of the "Suggested State Regulations for Control of Radiation" might have on Operable Unit OU04.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000140.PDF	202 KB
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I101-A-000141	8/19/1994
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Letter of Transmittal: Response to CAB questions

Letter transmitting from the EG&G Rocky Flats, Inc. to the US Department of Energy, Rocky Flats Field Office (DOE/RFFO) of the attached copy of the Responses to Citizens Advisory Board Question. Resulting from Presentation of Solar Ponds Closure, August 5, 1994. Written by J.A. Ledford, EG&G, August 11, 1994.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000141.PDF	493 KB
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I101-A-000142	9/13/1994
Dispute to modify the scope of OU04 Phase I	
Letter of discussion to the dispute to modify the scope of Operable Unit OU04 Phase I Remediation, twelve technical issues were identified. As agreed in these meetings, the US Department of Energy (DOE) has captured the disposition of these issues as agreed to by DOE, the Colorado Department of Public Health and Environment (CDPHE), and the US Environmental Protection Agency (EPA) staff. Enclosing the disposition. (Disposition not included)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000142.PDF	100 KB
I101-A-000144	8/18/1994
OU04 Solar Ponds IM/IRA submittal of PIDAS Crossing Design for EG&G Review	
Engineering-Science, Inc. providing to EG&G Rocky Flats, Inc. with one copy for Mr. Mark Austin for the civil portion of the PIDAS crossing design package that will be constructed prior to the commencement of formal Interim Measures / Interim Remedial Action (IM/IRA) construction. The package contains four drawings and seven specification sections that will be integrated with EG&G drawings and specifications to complete the package. The integrated package will be submitted by Mr. Austin for EG&G review.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000144.PDF	80 KB
I101-A-000145	9/6/1994
Meeting Notes for the Solar Pond IM/IRA	
Engineering-Science, Inc. provides the Weekly Status Meeting Notes, September 6, 1994, for the Solar Pond Interim Measures / Interim Remedial Action (IM/IRA).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000145.PDF	317 KB
I101-A-000146	9/15/1994
OU04 Solar Ponds IM/IRA Request for Chemical Analysis of Waste Materials being Depositioned beneath the Engineered Cover	
Engineering-Science, Inc. provides to EG&G Rocky Flats, Inc. the request to perform batch leaching tests and chemical analysis on the various waste forms that will be consolidated beneath the engineered cover for review and comment. The waste forms include: A) Unamended soils; B) Soil and sludge mixtures; C) Soil and Pondcrete mixtures, and; D) Soil and liner mixtures. Enclosure of the Proposal for enhanced performance modeling of Interim Measures / Interim Remedial Action IM/IRA Cover (including proposal for acquiring additional chemical data). Recent changes in the proposed method of incorporating Solar Evaporation Pond (SEP) sludge and existing Pondcrete beneath the IM/IRA engineered cover, and increased dependence on long-range performance modeling of the overall structure to demonstrate protection of Human Health and Environment, necessitate upgrading current modeling efforts. This proposal describes measures required to accomplish that upgrade.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000146.PDF	738 KB
I101-A-000147	9/16/1994
Weekly Project Status Report	

Engineering-Science, Inc. provides the transmittal of the Weekly Project Status Report for the Period of September 9, 1994 through September 16, 1994. This report has been prepared in accordance with the requested by the EG&G Rocky Flats, Inc. for a weekly summary of activities and action items, and merge the reports of Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Project, the OU04 Interim Measures / Interim Remedial Action (IM/IRA) Project and the OU04 Phase II Project. Enclosed - Weekly Project Status Report Activities and Accomplishments for the Reporting Period; Report Summary and Future Actions.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000147.PDF 225 KB

I101-A-000149

10/13/1994

Storage of OU04 Waste Solidification Equipment

Interoffice correspondence - EG&G Rocky Flats, Inc. discusses in reference to memorandum: Storage of Operable Unit OU04 Waste Solidification Equipment, May 16, 1994. Regarding the request for Property Utilization and Disposal (PU&D) store several pieces of OU04 waste solidification process train equipment for a period of up to fifteen months. Some twenty-eight Equipment Storage Forms (RF-46636) were forward separately to Property Management that represent equipment that has been moved to the storage yard on the northwest side of the plane (in the vicinity of the firing range).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000149.PDF 81 KB

I101-A-000150

10/12/1994

WP 12189-Selection of IDM Soil Samples in Drums in Tent Six on 750 Pad from Phase I RFI/RI Boreholes

Interoffice correspondence: EG&G Rocky Flats, Inc. provides the paper that develops the rationale for screening and obtaining representative Investigation Derived Materials (IDM) soils produces as part of the 1993 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Solar Pond field investigations. The Treatability Study (TS) testing programs will test these sample. The TS testing program will require approximately five thousand pounds of material. Also included Attachment A) Environmental Operations Management Inventory of Investigation Derived Material IDM Drums in Tent Six on 750 Pad; Attachment B) Random Number Tables; Attachment C) Calculations.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000150.PDF 2 MB

I101-A-000158

10/12/1994

WP 12189 Selection of drums containing Investigative-Derived Material soil samples in tent six on 750 pad from Phase I RFI/RI boreholes

Identifies by drum number the primary Investigative-Derived Material (IDM) drums for selection from the inventory in Tent 6 of the 750 Pad.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000158.PDF 248 KB

I101-A-000159

1/18/1994

Subcontract PC84017JB Rocky Flats, Solar Pond/Pondcrete Project. Sprout-Bauer reconditioned disc pulverizer accessories

Correspondence notifying completion of attached Property Disposal Report for reconditioned disc pulverizer motor and drive mechanism.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000159.PDF 135 KB

I101-A-000160	10/12/1994
WP 12189-RADSORB used in the Investigation Derived Materials soil samples in tent six on 750 pad from phase I RFI/RI boreholes	
Memorandum identifying the properties of the RADSORB material used in the packaging of Investigative-Derived Material (IDM) from the 1993 campaign of Solar Pond Phase I boreholes. Attached is the RADSORB Material Safety Data Sheet (MSDS) and Product Bulletin.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000160.PDF	287 KB
I101-A-000161	10/13/1994
LSA container contract, 357445RM2	
Letter filed with contract files notifying that the prototype containers will only be used for training and do not require the inspections and certification that the remainder of the production containers require. The serial numbers are: Size 1, 189412, 189416, 189421; Size 2, 189419.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000161.PDF	48 KB
I101-A-000162	9/29/1994
OU04 Waste Testing for Modeling Effort	
Record of telephone conversation between EG&G, HNUS, and Parsons Engineering Science regarding OU04 waste testing for modeling effort. Conversation resulted in subsequent action items.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000162.PDF	285 KB
I101-A-000163	10/3/1994
Transmittal of 90% Early Site Preparation Design Pkg MTS 343756 GG OU04 Solar Ponds IM/IRA	
Letter to notify that 25 copies of the Early Site Preparation Design Package containing the 90 percent early site preparation design package submitted for review and comment for the OU04 Solar Ponds Interim Measures / Interim Remedial Action (IM/IRA) has been provided.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000163.PDF	64 KB
I101-A-000164	10/7/1994
Weekly project status report	
Weekly project status report for the period October 3, 1994, through October 7, 1994 merging the reports of the Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) project, the OU04 Interim Measures / Interim Remedial Action (IM/IRA) Project, and the OU04 Phase II Project. Includes subsequent report summary and future actions.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000164.PDF	238 KB
I101-A-000165	9/26/1994
Transmittal of Responses to the EPA/PRC Slurry Wall Comments	

Letter transmitting responses to the US Environmental Protection Agency (EPA)/PRC comments that were received on the document entitled '-Evaluation of Specific Methods to Prevent Ground Water Contamination'. The comment responses as noted will be incorporated into the re-issued document as an appendix.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000165.PDF 528 KB

I101-A-000166 8/18/1994

Summary of the Working Group Agreements

Letter transmitting attached revised series of tables summarizing the agreements that have been made during the weekly working group meetings from October 6, 1993 until August 5, 1994 and addressing the comments raised at the August 2, 1994 Team Meeting.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000166.PDF 1 MB

I101-A-000167 9/22/1994

Weekly Project Status Report

Letter transmitting attached Weekly Project Status Report for the period of September 16, 1994, through September 22, 1994, merging the reports of the Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) project, the OU04 Interim Measures / Interim Remedial Action (IM/IRA) Project, and the OU04 Phase II Project. Includes subsequent report summary and future actions.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000167.PDF 207 KB

I101-A-000168 9/30/1994

Weekly project status report

Letter transmitting attached Weekly Project Status Report for the period September 23, 1994, through September 30, 1994 merging the reports of the Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) project, the OU04 Interim Measures / Interim Remedial Action (IM/IRA) Project, and the OU04 Phase II Project. Includes subsequent report summary and future actions.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000168.PDF 240 KB

I101-A-000169 2/14/1994

Preliminary Draft OU04 Phase I RCRA RFI/RI and IM/IRA decision document

Preliminary Draft Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) and Interim Measures / Interim Remedial Action (IM/IRA) Decision Document

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000169.PDF 91 KB

I101-A-000170 8/23/1994

Movement and rectification of Tank 25.054, Tent 6 D-12

Letter directing movement of Tank D-12 in tent 6 Resource Conservation and Recovery Act (RCRA) ID Number 25.054 to allow for installation of fire barrier. Tank will be retested and recertified in final location. Tank is not to be placed into use until after the movement and recertification is complete.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000170.PDF	47 KB
I101-A-000171	8/22/1994
Solar ponds accelerated sludge removal project	
Letter transmitting guidelines to meet Interagency Agreement (IAG) milestone for solar pond Accelerated Sludge Removal Project (ASRP). Attached is the ASRP status report dated August 17, 1994 and the ASRP status report dated August 19, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000171.PDF	178 KB
I101-A-000172	9/23/1994
Submittal of the proposed field schedule	
Submittal of the proposed field schedule for Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Requirements Post Closure Assessment for review and comment.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000172.PDF	472 KB
I101-A-000173	10/6/1994
Subcontractor authorization for field logistics support for OU4 phase II RFI/RI under task order MTS343780GG3	
Provides the enclosed interoffice correspondence presenting the disapproval of proposal for field logistic support on Operable Unit OU04 from Aguirre Engineers, Inc.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000173.PDF	637 KB
I101-A-000174	10/10/1994
Criteria for minimally treated remediation waste	
Request for additional requirement criteria for minimally treated remediation waste from solar ponds projects team	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000174.PDF	63 KB
I101-A-000175	10/10/1994
MTS 3437566; OU04 Solar Ponds IM/IRA	
Proposed testing methodologies for use with the VD2ST modeling and predicted Kd values that will be used for the preliminary modeling currently underway	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000175.PDF	977 KB
I101-A-000176	10/10/1994
Solar Pond projects change control process	
Letter presenting request for comments on attached solar pond projects office change control process.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000176.PDF	481 KB
I101-A-000177	10/13/1993

Solar pond IM/IRA Team Meeting	
Minutes from Solar Pond Interim Measures / Interim Remedial Action (IM/IRA) Team Meeting	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000177.PDF	3 MB
I101-A-000178	10/10/1994
Sludge, Pondcrete and Soil samples	
Memorandum acting as a follow-up to discussions about collecting Sludge, Pondcrete and soil samples for treatability testing. These samples to be expedited to Pittsburgh by a group of experts called the Collection Acceleration Tiger Team (CATT).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000178.PDF	73 KB
I101-A-000179	2/14/1994
OU4 IM/IRA Environmental Assessment Decision Document Cover Letter	
Letter presenting the Operable Unit OU04 Interim Measures / Interim Remedial Action (IM/IRA) Environmental Assessment Decision Document requesting comments.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000179.PDF	87 KB
I101-A-000180	9/19/1994
Meeting schedules for OU4 activities	
Letter stating plan for Solar Pond Projects to provide weekly meeting schedules to the US Department of Energy (DOE) for Operable Unit OU04.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000180.PDF	76 KB
I101-A-000181	10/22/1993
Proposed Closure Performance Criteria	
Letter presenting the attached draft of the proposed Operable Unit OU04 Solar Evaporation Pond (SEP) closure performance criteria for review and comment.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000181.PDF	268 KB
I101-A-000182	8/17/1994
Chain Of Custody Project Information	
Listing of the information needed to complete the Chain of Custody (COC) including information provided by the project manager and information provided by Rocky Flats Environmental Data Systems (RFEDS)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000182.PDF	55 KB
I101-A-000183	6/11/1993
Buyout of Lefco's contaminated pumping equipment	
Forwards the enclosed letter from Roy Pruden of LEFCO Environmental Technology supplying the requested information regarding the Flygt Submersible electric pump. As stated the parts listing and operations manual is being forwarded.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000183.PDF	3 MB
I101-A-000184	10/19/1993
Meeting notes Solar Pond IM/IRA Team meeting	
Meeting notes regarding Solar Pond Interim Measures / Interim Remedial Action (IM/IRA) Team Meeting.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000184.PDF	288 KB
I101-A-000185	10/28/1993
Meeting notes Solar Pond IM/IRA team meeting	
Meeting notes regarding Solar Pond Interim Measures / Interim Remedial Action (IM/IRA) Team Meeting.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000185.PDF	316 KB
I101-A-000186	8/5/1994
SEP: IM/IRA waste volumes and material handling SOW	
Record of recorded telephone conversation concerning Solar Evaporation Ponds (SEP) Operable Unit OU04 Interim Measures / Interim Remedial Action (IM/IRA). Also IM/IRA waste volumes and material handling Statement of Work (SOW). EG&G Rocky Flats, Inc. called requesting clarification of sludge and Pondcrete inventory volumes. Soil/sludge mixtures will be tested followed by separate pondcrete testing.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000186.PDF	126 KB
I101-A-000187	8/25/1994
Authorization to work overtime	
EG&G Rocky Flats, Inc. interoffice correspondence regarding authorization to work overtime and weekend for Accelerated Sludge Removal Project (ASRP) Tank Installation Project, Authorization No. 989184.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000187.PDF	53 KB
I101-A-000188	8/25/1994
Accelerated sludge removal project	
EG&G Rocky Flats, Inc. interoffice correspondence regarding accelerated sludge removal project, leak detection system. Due to the higher labor efficiencies as well as estimated error, this task order is in a grossly over funded condition and is being requested to be deobligated.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000188.PDF	70 KB
I101-A-000189	8/25/1994
Subcontract Modification	

EG&G Rocky Flats, Inc. interoffice correspondence regarding subcontract modification, reflecting the Solar Ponds (SEP) Projects revision of Section 5.2.1 of the Statement of Work (SOW) to reflect the new milestone for the submittal of the Final OU04 Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) work plan (WP). Attached are reports and data for the Phase II WP.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000189.PDF 123 KB

I101-A-000190 8/25/1994

OU4 support to collect groundwater

EG&G Rocky Flats, Inc. interoffice correspondence requesting support from Environmental Operations Management (EOM) to collect ground water quality parameters from selected wells to support the Operable Unit OU04 Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) program by August 26, 1994. Attached are measurements on the approximately 110 wells.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000190.PDF 115 KB

I101-A-000191 8/25/1994

OU4 Phase II investigation field schedule

EG&G Rocky Flats, Inc. interoffice correspondence regarding Operable Unit OU04 Phase II investigation field schedule. Solar Ponds Projects is planning on initiating field activities to support the Phase II on September 15, 1994. This field effort includes the performance of surficial and borehole geophysics, drilling operations to include two drilling rigs with borings at approximately 40 locations, groundwater sampling, and surficial soil sampling.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000191.PDF 91 KB

I101-A-000192 8/25/1994

People to complete Pond C sludge removal under contract

EG&G Rocky Flats, Inc. interoffice correspondence regarding requirement for additional people to complete Pond C Sludge removal under Subcontractor No. ASC350814PA3. A request that three additional non-driver level workers be supplied under the subject contract.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000192.PDF 49 KB

I101-A-000193 8/23/1994

Meeting with subcontract HNUS

EG&G Rocky Flats, Inc. interoffice correspondence regarding meeting with subcontract Halliburton-NUS (HNUS) which is support to solar ponds projects. No representatives from Solar Ponds project staff were at the meeting. Request to provide a copy of the meeting minutes. The meeting should have never occurred without a Solar Ponds Project (SPP) staff member. It is the responsibility of US Department of Energy (DOE) to produce a adequate and fiscally responsible service.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000193.PDF 66 KB

I101-A-000194 7/22/1992

Solar Pond / Pondcrete Project: Analysis of Saltcrete Waste Stream

Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project and Analysis of Saltcrete Waste Stream subcontract. The proposal consists of stream input, stream output and salt samples.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000194.PDF	80 KB
I101-A-000195	6/30/1992
Solar Pond / Pondcrete Project: Analysis of Saltcrete Waste Stream	
Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project and Analysis of Saltcrete Waste Stream subcontract. Halliburton is requesting an extension in the due date for the subject quotation from July 8th until July 15th.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000195.PDF	56 KB
I101-A-000196	8/4/1992
Solar Pond / Pondcrete Project: Analysis of Saltcrete Waste Stream	
Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project and Analysis of Saltcrete Waste Stream subcontract. Proposal submittal letter which the catalog pricing documentation was reviewed. The review disclosed that the pricing for the work at RF is consistent with the pricing developed for work performed for other commercial and government entities.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000196.PDF	76 KB
I101-A-000197	7/9/1992
Analysis of Saltcrete Waste Stream	
EG&G Rocky Flats, Inc. correspondence regarding HNUS Proposal No. P9207069 for Analysis of Saltcrete Waste Stream. Steve Heiman has returned Reference A as he considers it non-responsive to the conditions set fourth in Reference B request for proposal. Reference B clearly requests a cost plus fixed fee proposal. Revise Reference A, Proposal to Identify the Total Amount Proposed, based on the number and types of samples to be supplied by EG&G and the analyses required for each as stated in the statement of work.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000197.PDF	109 KB
I101-A-000198	7/31/1992
Technical evaluation for Halliburton NUS proposal	
EG&G Rocky Flats, Inc. interoffice correspondence regarding technical evaluation proposal. The analysis of the Saltcrete Waste Stream has made necessary changes due to recent change in the operations of the equipment in Building 374, the spray dryer will only be operating every three to four weeks, and not every two weeks as originally accounted for. EG&G Rocky Flats, Inc. proposes to eliminate 4 spray dried salt samples making the total number of samples to be submitted for analysis equal 50. Statement of Work (SOW) Analysis of the Saltcrete Waste Stream Rev 1 dated July 30, 1992, the objective of the Statement of Work (SOW) is to obtain analytical laboratory support for the analysis of the Saltcrete Process Waste Stream. Field quality assurance/ quality control analysis and sampling schedule attached.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000198.PDF	562 KB

I101-A-000199	5/20/1992
R. F. Weston contract	
EG&G Rocky Flats, Inc. interoffice correspondence regarding R. F. Weston contract. All services have been received under this contract and a final invoice is requested.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000199.PDF	32 KB
I101-A-000200	6/9/1992
Solar Pond / Pondcrete Project; Brown & Root cost and fee	
Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project Brown & Root subcontract cost and fee. During negotiations conducted on October 7, 1991 EG&G Rocky Flats, Inc. stated that they would not pay "profit on profit" and requested the removal of fee from the subcontract cost prior to calculating the HNUS fee on total cost.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000200.PDF	90 KB
I101-A-000201	1/28/1994
Solar Pond / Pondcrete Project; Broomfield office closure	
Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project. Your letter MDG-001-94 dated January 13, 1994 directed office closure on or before January 31, 1994 and also that all Broomfield office documents remain in place. HNUS letter RF-HED-94-0018 responded to your letter and defined our interpretation of the contract with regards to quality records/duplicate files etc.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000201.PDF	81 KB
I101-A-000202	1/31/1994
SEP/Pondcrete Project; November 18 meeting minutes	
Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Evaporation Ponds (SEP) / Pondcrete Project request of meeting minutes from November 18, 1993.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000202.PDF	62 KB
I101-A-000203	2/15/1994
Solar pond/pondcrete project; Government property cards	
Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project. Enclosed please find thirteen Government property cards for property acquired by Halliburton Energy Services. These cards are for process train components.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000203.PDF	51 KB
I101-A-000204	4/21/1992
SEP / Pondcrete Project; WBS 710 project management	

Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond (SEP) / Pondcrete project, WBS 710 Project. In response to your referenced request to update the contractual equipment requirements that have changed resulting from the progress made in refining the technical specifications and requirements to design, develop and test a cemented-based cleanup process to stabilize the Pond Sludge / Pondcrete at Rocky Flats (RF). Attached are the most recent equipment lists that have been generated.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000204.PDF 711 KB

I101-A-000205 1/2/1992

Purchase order distribution

Correspondence from Halliburton NUS Environmental Corporation regarding attached copies of purchase order distribution for American Speedy Printing Centers.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000205.PDF 400 KB

I101-A-000206 6/15/1992

Solar Pond / Pondcrete Project: Phase II Statement of Work

Correspondence from Halliburton NUS Environmental Corporation regarding Rocky Flats (RF) Solar Pond / Pondcrete Project and analysis of Saltcrete Waste Stream subcontract. Halliburton is cognizant of EG&G Rocky Flats, Inc. needs to revise the Phase II Statement of Work (SOW) and incorporate the resulting changes in the Phase II firm fixed price. The following is a schedule. Attached is the EG&G correspondence regarding revision of Phase II Statement of Work (SOW) for subcontract.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000206.PDF 115 KB

I101-A-000207 6/17/1992

Treatment of BAR subcontract cost and fee

EG&G Rocky Flats, Inc. correspondence regarding treatment of Brown and Root subcontract cost and fee under subcontract. The attached memo summarizes the discussions which occurred during those negotiations regarding the treatment of fee on the Brown and Root subcontract.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000207.PDF 178 KB

I101-A-000208 6/24/1992

Procurement of packaging supplies for Pondcrete Project

EG&G Rocky Flats, Inc. interoffice correspondence regarding procurement of packaging supplies for Pondcrete Project. A requisition for four to order supplies to support the requirements for the Pondcrete Project were put together and each are listed.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000208.PDF 87 KB

I101-A-000209 1/27/1994

Halliburton's January 1994 spending plan for subcontract number PC 84017JB

EG&G Rocky Flats, Inc. interoffice correspondence regarding Halliburton's January 6, 1994 spending plan for Subcontract No. PC84017JB. The total charge order numbers referenced above equate to a total of \$1,064,638.00.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000209.PDF 104 KB

I101-A-000210	2/3/1994
Solar Pond / Pondcrete Project; response to additional fact find questions	
Correspondence from Halliburton NUS Corporation regarding Solar Pond / Pondcrete Project subcontract. Response to additional fact find questions on the proposal for FY 94 services. Payroll verification for certain employees is listed. Clarifications of costs of broken windshields provided the insurance prescribed in section 69 of the general terms and conditions. Labor charges have been submitted with this correspondence.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-A-000210.pdf	422 KB
I101-A-000211	2/3/1994
Solar Pond / Pondcrete Project; response to additional fact find questions	
Correspondence from Halliburton NUS Corporation regarding Solar Pond / Pondcrete Project subcontract. Response to additional fact find questions. This letter gives the basis of estimate and details of calculation for three cell averaging tanks. Also enclosed is a cost analysis for these tanks.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000211.PDF	135 KB
I101-A-000212	1/27/1994
SEP / Pondcrete Project; equipment rental continuation / February funding	
Correspondence from Halliburton NUS Corporation regarding Solar Evaporation Pond (SEP) / Pondcrete Project subcontract. Equipment rental continuation February funding. Attached are the Change Order 20 addresses the continuation of rental on the Field Trailer, Field Generator and two Connexes.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000212.PDF	248 KB
I101-A-000213	7/10/1992
Solar Pond / Pondcrete Project: Overtime limitation specified in clause 3	
EG&G Rocky Flats, Inc. interoffice correspondence regarding Solar Pond / Pondcrete Project overtime limitation specified in Clause 3. EG&G Rocky Flats, Inc. has reviewed the enclosed letter from Halliburton and agrees to an increase in the overtime limitation.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000213.PDF	134 KB
I101-A-000214	8/5/1992
Solar Pond / Pondcrete Project: on-site construction trailer	
Correspondence from Halliburton NUS Corporation regarding Solar Pond / Pondcrete Project subcontract. Request a revision to the referenced proposal to include another piece of equipment required to provide computer and FAX Battery Back-up for low voltage and surge protection. Included is a purchase order from Industrial Battery Specialists.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000214.PDF	219 KB
I101-A-000215	12/23/1993
Solar Pond / Pondcrete Project: Monthly billing for November 1993	

Correspondence from Halliburton NUS Corporation regarding Solar Pond / Pondcrete Project subcontract. Provides billing for November 1993 totaling \$77,907.02, and also submits Billing summary.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000215.PDF	255 KB
I101-A-000216	12/21/1992
SEP / Pondcrete Project; dosimeters and lockers	
Correspondence from Halliburton NUS Corporation regarding Solar Evaporation Pond (SEP) / Pondcrete Project subcontract. This correspondence concerns Dosimeters and lockers which will be retained for maintenance and continued engineering activities all five lockers presently assigned to us at the 904 men's locker trailer.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000216.PDF	75 KB
I101-A-000217	10/8/1992
Solar evaporation ponds stabilization project	
Correspondence from Halliburton NUS Environmental Corporation regarding Solar Evaporation Ponds Stabilization Project. This letter is to thank Ms. Vogt for obtaining Protected Area (PA) access for several senior management personnel visiting from Halliburton.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000217.PDF	69 KB
I101-A-000218	3/19/1993
Solar pond/ pondcrete project; resignation as contract administrator	
Correspondence from Halliburton NUS Environmental Corporation regarding Solar Pond/Pondcrete Project, resignation of Steve Heiman as contract administrator. A thanks to Steve Heiman for his commitment of working with Halliburton to accomplish the cleaning of the solar ponds. The work that was done was excellent.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000218.PDF	59 KB
I101-A-000219	3/30/1992
Radiological records	
Correspondence from Halliburton NUS Environmental Corporation regarding radiological records. The Broomfield office would like to be the central receiving point for dosimetry and other radiological exposure records for personnel. This letter also submits a list of personnel and their social security numbers.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-A-000219.pdf	318 KB
I101-A-000220	5/12/1992
Solar pond/pondcrete project; Semi-annual subcontractor report	
Correspondence from Halliburton NUS Environmental Corporation regarding Semi-annual subcontractor report. This letter is submitting report.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000220.PDF	143 KB

I101-A-000221	6/15/1992
Business Personal Property Declaration Schedule	
Correspondence from Halliburton NUS Environmental Corporation submitting a completed Personal Property Declaration Schedule.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised%20I101-A-000221.pdf	605 KB
I101-A-000222	5/21/1993
Rocky Flats solar pond/pondcrete stabilization project	
Brown and Root interoffice memorandum submitting a punch list of items requiring action.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000222.PDF	120 KB
I101-A-000223	9/21/1994
Meeting minutes solar pond projects ASRP treatment	
EG&G Rocky Flats, Inc. interoffice correspondence regarding meeting minutes for Solar Pond Projects Accelerated Sludge Removal Project (ASRP) Treatment Project planning and coordination meeting. Concerning utilization of Red Badged Radiological Control Technician (RCT) which is currently the issue of clearance reissuance.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000223.PDF	162 KB
I101-A-000224A	10/8/1990
Review of draft Environmental Evaluation Plan for the Solar Evaporation Ponds	
Doty & Associates correspondence regarding Review of draft Environmental Evaluation Plan for the Solar Evaporation Ponds (SEP). There is no discussion in this report of the overall short and long term plans for the solar ponds. The expected activities and how these National Environmental Policy Act (NEPA) activities may influence the expected activities, are important and bear discussion in this work plan (WP).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000224A.pdf	256 KB
I101-A-000224B	6/19/1990
Solar pond history	
Rockwell International internal letter regarding solar pond history. This letter is concerning the solar evaporation pond, that was a clay lined pond placed in service in 1953.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000224B.pdf	256 KB
I101-A-000225	10/8/1990
Review of Draft Environmental Evaluation Plan	
Doty & Associates correspondence regarding review of draft Environmental Evaluation (EE) Plan. There is no discussion in this report of the overall short and long term plans for the solar ponds (SEP). The expected activities and how these National Environmental Policy Act (NEPA) activities may influence the expected activities are of importance and bear discussion in this work plan (WP).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000225.PDF	337 KB

I101-A-000226	1/26/1990
CDH correspondence regarding pond sampling and additional analyses	
Colorado Department of Health (CDH) correspondence regarding pond sampling and additional analyses. On January 3, 1990 the Water Quality Control Commission (WQCC) gave preliminary final approval to revise radionuclide standards for Walnut and Woman Creeks. They are requesting specific analyses for Plutonium (Pu), Americium (Am) and Uranium (U) prior to each discharge from the ponds.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000226.PDF	130 KB
I101-A-000227	7/24/1992
Solar Pond / Pondcrete Project	
Halliburton NUS correspondence regarding subcontract Rocky Flats (RF) Solar Pond / Pondcrete Project request for bulk material approval-module fabrication. This letter is to request approval for the fabrication of modules on which process equipment will be placed. Also enclosed a letter from Brown & Root, Inc. regarding EG&G Rocky Flats, Inc. Solar Pond / Pondcrete Waste Processing Project which contains purchase agreement not to exceed value of \$7500,00.00.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000227.PDF	2 MB
I101-A-000228	3/23/1992
Change in remittance address for payment	
Halliburton NUS correspondence regarding subcontract change in remittance address for payment. The Rocky Flats (RF) Project Office has been informed that the lockbox for remittance of payment has been changed.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000228.PDF	56 KB
I101-A-000229	8/12/1994
Readiness review of the non-intrusive field investigation	
US Department of Energy (DOE) correspondence regarding readiness review for the non-intrusive field investigations in Operable Unit OU08. To complete the readiness review we need formal approval of the OU08 Phase I Resource Conservation and Recovery Act (RCRA) Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Work Plan (WP) by the regulatory agencies.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000229.PDF	118 KB
I101-A-000230	8/24/1994
Review of program manager job description	
EG&G Rocky Flats, Inc. interoffice correspondence regarding review of program manager job description. Job responsibilities for this position have not changed.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000230.PDF	43 KB
I101-A-000231	8/12/1994
Weekly project status report	

Engineering-Science Inc. correspondence regarding weekly project status report for the period of August 5, 1994 - August 12, 1994. This summary of activities and action items are of the Operable Unit OU04 Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) project and the OU04 Interim Measures / Interim Remedial Action (IM/IRA) Project, and the OU04 Phase II Project.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000231.PDF 207 KB

I101-A-000232 9/2/1992

Solar Ponds / Pondcrete / Saltcrete Waste Process Contract No. PC84017JB

Halliburton NUS Environmental Corporation, EG&G Rocky Flats, Inc. Solar Ponds / Pondcrete / Saltcrete Waste Process Contract No. PC84017JB, Abbreviated, October 2, 1992 proposal for modification to incorporate revised Phase II Statement of Work (SOW), dated September 2, 1992.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000232.PDF 5 MB

I101-A-000233 8/16/1994

Response to CDH and EPA Comments on the OU04 Draft Final Phase II RFI/RI

Engineering-Science Inc. correspondence submitting responses to Colorado Department of Health (CDH) and US Environmental Protection Agency (EPA) comments on the Operable Unit OU04 draft Final Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Work Plan (WP).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000233.PDF 1 MB

I101-A-000234 8/22/1994

Minutes of OU04 Program Coordination meeting of August 15, 1994

Engineering-Science Inc. correspondence submitting Minutes of Operable Unit OU04 program coordination meeting dated August 15, 1994. The meeting was convened to review the status and discuss the scheduling, budgeting and accounting for the OU04 projects.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000234.PDF 608 KB

I101-A-000235 8/5/1994

Meeting notes on SEP IM/IRA

Engineering-Science Inc. correspondence submitting meeting notes. The only major change was that Harlen Ainscough wanted to be on record as specifying that including sludge in the Interim Measures / Interim Remedial Action (IM/IRA) was not addressed in the original Dispute Resolution (Summer 1993), and that the Colorado Department of Health (CDH) could not approve the concept at this point in time without working the issue internally.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000235.PDF 210 KB

I101-A-000236 8/24/1994

Technical evaluation on accelerated sludge processing

EG&G Rocky Flats, Inc. interoffice correspondence regarding technical evaluation and detailed definitization proposal on Accelerated Sludge Processing Conceptual Design.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000236.PDF 2 MB

I101-A-000237	6/10/1993
Solar Pond / Pondcrete Project: Revision of Lefco Equipment buyout costs	
Halliburton NUS Corporation correspondence submitting subcontract Rocky Flats (RF) Solar Pond / Pondcrete Project revision of Lefco Equipment buyout costs as of June 30, 1993.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000237.PDF	123 KB
I101-A-000238	9/1/1994
Findings of ecological survey of Operable Unit OU04	
EG&G Rocky Flats, Inc. interoffice correspondence regarding findings of ecological survey of Operable Unit OU04 conducted August 16, 1994. The walkdown of OU04 conducted with Engineering-Science Inc. identified several areas of potential ecological concern. These were nesting sites for migratory birds, the wetlands associated with seeps on the north hillside, and riparian area in the north buffer zone. This letter also submits a Trip Report from Engineering-Science Inc. and also a map of the area.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000238.PDF	326 KB
I101-A-000239	9/19/1994
DOE Procedure review	
US Department of Energy (DOE) Memorandum regarding procedure review No 4-LO2-ER-OPS-GT.20, which concerns Operable Unit OU02 and the testing of earthworms under this procedure.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000239.PDF	105 KB
I101-A-000240	8/18/1994
Field operations RFEDS Information to complete COC	
EG&G Rocky Flats, Inc. Field operations Rocky Flats Environmental Data Systems (RFEDS) information for your project to complete Chain of Custody (COC).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000240.PDF	51 KB
I101-A-000241	4/21/1999
Rocky Flats Solar Pond/Pondcrete Project request to add back scope for Pond Consolidation and increase scope for Chlorination requirements under Solar Ponds Phase I and II.	
Correspondence providing background information regarding intention to enter into a subcontract not included in original proposal which may exceed \$1 million.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000241.PDF	234 KB
I101-A-000246	12/17/1997
RMRS Schedule for Solar Pond Debris Removal	
Rocky Mountain Remediation Services, L.L.C. (RMRS) submits schedule for Solar Ponds Debris Removal.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000246.PDF	67 KB
I101-A-000248	1/28/1998

E-mail supporting, submitting Solar Ponds Debris Removal Project, December 1997	
E-mail supporting, submitting Solar Ponds Debris Removal Project. This documents current status of the debris removal project in process and supports accelerating the completion of the Low-Level Mixed Waste (LLMW) packaging of waste between the A and B ponds by April 30, 1998. Colored photos included.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000248.PDF	624 KB
I101-A-000249	12/29/1997
Notes for Solar Ponds Debris Removal Project, December 1997, January 1998	
Notes regarding Solar Ponds Debris Removal Project, December 1997, January 1998. This documents current status of the debris removal in process with colored photos taken January 15, 1998.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000249.PDF	824 KB
I101-A-000250	2/26/1998
E-mail submitting notes on Solar Ponds Debris Removal Project, February 1998	
E-mail notes supporting, submitting Solar Ponds Debris Removal Project. Pumps and larger pieces of debris would be considered oversized debris and placed in forms and filled with cement before disposal. These notes also submits colored photos.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000250.PDF	315 KB
I101-A-000251	3/17/1998
Provides photos and notes on Solar Ponds Debris Removal, March 1998	
Provides photos and notes on Solar Ponds Debris Removal, March 17, 1998. All photos are of 207 A/B Corridor Area. The photos were taken to show relative progress in this area and can be used for comparison.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000251.PDF	341 KB
I101-A-000252	10/14/1997
Memo of characterization of waste around Solar Ponds	
Rocky Mountain Remediation Services, L.L.C. (RMRS) submits memorandum regarding characterization of waste around the Solar Ponds. A walk around the Solar Ponds will be done to delineate groupings of waste material. This will facilitate the proper indexing and subsequent documentation of process knowledge regarding these materials.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000252.PDF	65 KB
I101-A-000253	10/23/1997
Memo of characterization of waste at the Solar Ponds	
Rocky Mountain Remediation Services, L.L.C. (RMRS) submits memorandum regarding characterization of waste around the Solar Ponds. A walk down was done and a discussion is in progress of the equipment/debris in these areas. Plans to complete the characterization are, tagging equipment, taking photos, matching the Radiological Operations surveys to the appropriate equipment, finishing spreadsheet, conducting a review and finalizing the data and distributing.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000253.PDF	72 KB
I101-A-000254	11/4/1997
Solar Ponds Debris Characterization Study	
Submitting Solar Ponds Debris Characterization Study. This study consists of the purpose, an overview, definitions, limitations, precautions and controls. The study also includes waste characterization process, segregation, packaging, schedule, handling and shipment. This study includes colored photos of debris areas.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000254.PDF	6 MB
I101-A-000255	3/17/1998
Solar Ponds Debris Characterization and Removal, History & Current Status	
Solar Ponds Characterization and Removal History and Current Status as of March 17, 1998. The debris can be broken down into four basic categories, Low-Level Mixed Waste (LLMW) to be packaged directly with some disassembly. Combustibles such as wood, paper, light metal and plastics. Low-Level Mixed (LLM), Property Utilization and Disposal (PU&D) which are items that can be obtained and may have potential for re-use and Sanitary Landfill Items which can be acceptable.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000255.PDF	550 KB
I101-A-000257	9/1/1996
Pond Operations Plan: Revision 2, September 1996 (Effective October 1, 1996)	
Pond Operations Plan: Revision 2, September 1996 (Effective October 1, 1996). The purpose of this document is to describe the US Department of Energy, Rocky Flats Field Office (DOE/RFFO) transition plan for modifying operations and management of the onsite surface water detention ponds. The modified operation phases will result in ecological benefits, increased stormwater detention capacity, dam safety enhancements, and more efficient use of Rocky Flats Environmental Technology Site (RFETS) funds while maintaining water quality. Includes: Appendix A - Rocky Flats Plant (RFP) Operations Plan for 1984; Appendix B - Emergency Response Plan for Failure of Dams A-4, B-5 or C-2; Appendix C - Occurrence of Plutonium (Pu) in Rocky Flats Environs; Appendix D - Evaluation of Site-Specific Pu and Americium (Am) Discharge Standards.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000257.pdf	14 MB
I101-A-000258	4/17/1995
Proposed External Milestones for WP 12181 IRA	
Proposed External Milestones for Work Package 12181 Interim Remedial Action, which will require a Baseline Change Proposal (BCP). Also discussed is the unwillingness to spend premium time to achieve those milestones, while they float in the Interagency Agreement (IAG) critical path analysis.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000258.PDF	53 KB
I101-A-000259	4/11/1995
Proposed External Milestones for WP 12181 IRA	
US Department of Energy (DOE) requests additional external milestones to the subject work package to allow better tracking and performance measurement of progress.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000259.PDF	148 KB
I101-A-000260	4/24/1995
Current variances with OU04 IM/IRA	
Discusses the current variances associated with the Operable Unit OU04 Interim Measures / Interim Remedial Action (IM/IRA), and the non-closure construction float that has been increased.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000260.PDF	158 KB
I101-A-000261	2/1/1994
OU04 SEPs IM/IRA EA DD, Part II Volume 1 - Sections 1 through 8	
Operable Unit OU04 Solar Evaporation Ponds (SEPs), Interim Measures / Interim Remedial Action (IM/IRA) Environmental Assessment (EA) Decision Document (DD) February 1994, Revision: Proposed, Part II Volume I - Sections 1 through 8	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000261.PDF	41 MB
I101-A-000262	2/10/1995
OU04 SEPs IM/IRA EA DD, Parts IV and V Drawings	
Operable Unit OU04 Solar Evaporation Ponds (SEPs), Interim Measures / Interim Remedial Action (IM/IRA) Environmental Assessment (EA) Decision Document (DD) February 1995, Revision: Proposed, Parts IV and V Drawings.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000262.PDF	5 MB
I101-A-000263	2/10/1995
OU04 SEPs IM/IRA EA DD, Part II Volume II - Figures	
Operable Unit OU04 Solar Evaporation Ponds (SEPs), Interim Measures / Interim Remedial Action (IM/IRA) Environmental Assessment (EA) Decision Document (DD) February 1995, Revision: Proposed, Parts II Volume II - Figures.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000263.PDF	35 MB
I101-A-000264	10/1/1998
Asbestos SAP For B788/207 Clarifier	
Asbestos Sampling and Analysis Plan (SAP) for Building 788, 207 Clarifier, Revision 0 dated October 1998.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000264.PDF	770 KB
I101-A-000265	11/3/1994
CAB comments on the Draft Proposed OU04 SEPs IM/IRA EA DD	
Rocky Flats Citizen's Advisory Board (CAB) comments on the Draft Proposed Operable Unit OU04 Solar Evaporation Ponds (SEPs) Interim Measures / Interim Remedial Action (IM/IRA) Environmental Assessment (EA) Decision Document (DD), November 2, 1994.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000265.PDF	216 KB

I101-A-000266	6/18/2002
Forwards Draft ER RSOP for Routine Soil Remediation, FY02 Notification No. 02-08	
Forwards the attached [000267] Draft Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Routine Soil Remediation, Fiscal Year 2002 Notification No. 02-08, Individual Hazardous Substance Site IHSS Group 000-1, Solar Evaporation Pond (SEP) Area of Concern dated June 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000266.PDF	94 KB
I101-A-000267	6/1/2002
Draft ER RSOP for Routine Soil Remediation, FY02 Notification No. 02-08	
Draft Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Routine Soil Remediation, Fiscal Year 2002 Notification No. 02-08, Individual Hazardous Substance Site IHSS Group 000-1, Solar Evaporation Pond (SEP) Area of Concern dated June 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000267.PDF	1 MB
I101-A-000268	6/20/2002
Submits Draft ER RSOP for Routine Soil Remediation, FY02 Notification No. 02-08	
Submits the attached [000267] Draft Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) for Routine Soil Remediation, Fiscal Year 2002 Notification No. 02-08, Individual Hazardous Substance Site IHSS Group 000-1, Solar Evaporation Pond (SEP) Area of Concern dated June 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000268.PDF	73 KB
I101-A-000269	6/18/2002
Comments regarding Solar Ponds Database	
Purpose of Contact: Comments regarding Solar Ponds Database, Decision Document (DD) preparation.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000269.PDF	92 KB
I101-A-000270	6/3/2002
Authorizes storage of pond sludge at 750 Pad	
Purpose of Contact: Authorizes storage of pond sludge at 750 Pad	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000270.PDF	66 KB
I101-A-000271	6/19/2002
Clean up activities related to pond sludge spill at 750 Pad	
Purpose of Contact: To discuss the status of clean up activities related to the pond sludge spill at the 750 Pad.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000271.PDF	79 KB
I101-A-000272	7/19/2002
Comments on ER RSOP Notification No. 02-08, IHSS Group 000-1 SEP	

<p>The agencies provide comments to the Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification No. 02-08, Individual Hazardous Substance Site IHSS Group 000-1, Solar Evaporation Pond (SEP), Area of Concern. The agencies expect to approve the Notification when important pieces of information are included. This would include the results of the Sampling and Analysis Plan (SAP) and the human health risk assessment.</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000272.PDF	246 KB
I101-A-000273	7/30/2002
<p>Approves ER RSOP Notification No. 02-08, IHSS Group 000-1 SEP</p>	
<p>The Colorado Department of Public Health and Environment (CDPHE) has reviewed responses to comments to the Environmental Restoration (ER) Rocky Flats Cleanup Agreement Standard Operating Protocol (RSOP) Notification No. 02-08, IHSS Group 000-1 and finds them satisfactory and approves the Notification.</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000273.PDF	104 KB
I101-A-000274	9/30/2002
<p>Discuss surface soil removals for risk reduction at Solar Ponds</p>	
<p>Purpose of Contact: Consultative process to discuss surface soil removals for risk reduction at Solar Ponds Project. (Revised version found in the CERCLA Administrative Record (AR) I101-A-000275)</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000274.PDF	84 KB
I101-A-000275	10/16/2002
<p>Revised version of September 30, 2002 Contact Record</p>	
<p>Purpose of Contact: Revised version of Contact Record on September 30, 2002 [000274] - Consultative process to discuss surface soil removals for risk reduction at Solar Ponds Project.</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000275.PDF	166 KB
I101-A-000276	10/1/2002
<p>Submits Draft RCRA Closure of SEPs, PAM</p>	
<p>Submits the attached [000279] Draft Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Pond (SEP), Proposed Action Memorandum (PAM), Revision 0 dated September 30, 2002 for review and comment. This includes Appendix A, Human Health Risk Assessment (HHRA) and does not include several hundred sheets of data tables.</p>	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000276.PDF	81 KB
I101-A-000277	10/9/2002
<p>Comments on Draft RCRA Closure of SEPs, PAM</p>	
<p>The Colorado Department of Public Health and Environment (CDPHE) provides the enclosed comments on the Draft Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Pond (SEP), Proposed Action Memorandum (PAM), Revision 0 dated September 30, 2002.</p>	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000277.PDF	552 KB
I101-A-000278	9/30/2002
Submits Draft RCRA Closure of SEPs, PAM	
Submits the attached [00279] Draft Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Pond (SEP), Proposed Action Memorandum (PAM), Revision 0 dated September 30, 2002 for review and comment. This includes Appendix A, Human Health Risk Assessment (HHRA) and does not include several hundred sheets of data tables.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000278.PDF	84 KB
I101-A-000279	9/30/2002
Draft RCRA Closure of SEPs, PAM	
Draft Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Pond (SEP), Proposed Action Memorandum (PAM), Revision 0 dated September 30, 2002. This includes Appendix A, Human Health Risk Assessment (HHRA) and does not include several hundred sheets of data tables.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000279.PDF	3 MB
I101-A-000280	10/1/2002
Forwards the RCRA SEPs PAM, September 2002	
Forwards the attached [000279] Draft Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Pond (SEP), Proposed Action Memorandum (PAM), Revision 0 dated September 30, 2002. The Draft Final Report Human Health Risk Assessment (HHRA) for the Solar Evaporation Ponds (SEP) dated September 2002 is included for review before release for public comment.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000280.PDF	87 KB
I101-A-000281	10/10/2002
Notification of Public Comment for Draft PAM RCRA Closure of SEPs	
Notification of the Draft Proposed Action Memorandum (PAM) for the Resource Conservation and Recovery Act (RCRA) Closure of the Solar Evaporation Ponds (SEP) at Rocky Flats (RF) is available for Public Comment from October 10, 2002 until November 11, 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000281.PDF	64 KB
I101-A-000282	9/24/2002
Maintenance action for Solar Ponds 207C	
Purpose of Contact: Discusses the water that was sampled and evaluated for Plutonium (Pu) levels at Pond 207C. Per the Colorado Department of Public Health and Environment (CDPHE) agreement this water can be removed and disposed of as a maintenance action.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000282.PDF	64 KB
I101-A-000283	10/22/2002

Preliminary action for Solar Ponds liners	
Purpose of Contact: Preliminary action for Solar Ponds liners - In preparation for pushing in the berms at the Solar Ponds, the Site intends to go ahead with peeling off the sides of the pond liners and laying them within the respective ponds prior to Proposed Action Memorandum (PAM) approval.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000283.PDF	57 KB
I101-A-000284	10/30/2002
Forwards: Draft PAM for IHSS 101 and RCRA Closure of the SEPs, October 2002	
The US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards the Draft Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101 and Resource Conservation and Recovery Act (RCRA) Closure of the Solar Evaporation Ponds (SEP), October 2002. The Public Comment Period for this document begins October 10, 2002 and runs through November 10, 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000284.PDF	86 KB
I101-A-000285	11/4/2002
Submits APEN, check for associated APEN fees, and supporting tech documentation for the SEP	
Kaiser-Hill Company, L.L.C. (K-H) submits an Air Pollution Emission Notice (APEN), a check for the associated APEN fees, and supporting technical documentation for the Solar Evaporation Pond (SEP) Closure Project. An APEN is being submitted to quantify particulate emissions from the project during soil disturbance activities. The SEPs were operated primarily to store and evaporate radioactive process wastes and neutralized acidic process wastes containing low concentrations of radionuclides. The closure of the solar ponds will involve removing any standing water within the ponds, pushing the berms into the ponds, adding clean fill to create a level area, and grading and vegetating the area. Also attached, a dust control plan for the projects, as requested by the Colorado Department of Public Health and Environment (CDPHE).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000285.PDF	488 KB
I101-A-000286	10/10/2002
Submits RCRA Closure of SEPs, PAM, September 2002	
Submits the attached [000279] Draft Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Pond (SEP), Proposed Action Memorandum (PAM), Revision 0 dated September 30, 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000286.PDF	80 KB
I101-A-000287	10/1/1991
Publication of the Proposed IM/IRA DD for OU04 SEPs	
Publication of Rocky Flats (RF) information and the US Department of Energy (DOE) has developed a Proposed Interim Measures / Interim Remedial Action (IM/IRA) Decision Document (DD) for Operable Unit OU04 the Solar Evaporation Ponds (SEPs) at the Rocky Flats Plant (RFP). The document describes an approach for storing and treating the water in the solar ponds and the contaminated groundwater collected in an Interceptor Trench System (ITS) to the northeast of the ponds. The SEPs are located in the central portion of the RFP approximately two miles west of Indiana Street.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000287.PDF	214 KB
I101-A-000288	1/4/1995
Comments on OU04 SEP determination of "Empty" status	
The Colorado Department of Public Health and Environment (CDPHE) provides comments on Operable Unit OU04 Solar Evaporation Ponds (SEPs) determination of "Empty" status for a surface impoundment.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000288.PDF	105 KB
I101-A-000289	4/11/1995
Comments on OU04 SEP DD	
The Colorado Department of Public Health and Environment (CDPHE) provides the enclosed comments on the Proposed Operable Unit OU04 Solar Evaporation Ponds (SEP) Interim Measures / Interim Remedial Action (IM/IRA), Environmental Assessment (EA) Decision Document (DD) dated February 1995.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000289.PDF	604 KB
I101-A-000290	11/26/2002
Discusses the closure and sampling of SEP 207C	
Purpose of Contact: Discusses the closure and sampling of the Solar Evaporation Pond (SEP) 207C.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000290.PDF	66 KB
I101-A-000291	11/27/2002
Pond 207C Closure: CDPHE agrees to move forward and start pushing the berms	
Purpose of Contact: The Colorado Department of Public Health and Environment (CDPHE) agrees to move forward and start pushing the berms into to the NE and SE corners of Pond 207C as part of the closure. The record gives results of sampling from the corners.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000291.PDF	79 KB
I101-A-000292	12/2/2002
Use of PSZ fill material for SEP regrading	
Purpose of Contact: Discusses the backfill that must be removed from a previously backfilled area of the PSZ fence to re-establish a pre-existing drainage. The material can be used immediately as fill material for regrading the Solar Evaporation Ponds (SEP) area.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000292.PDF	84 KB
I101-A-000293	12/12/2002
Submits Final PAM for IHSS 101 and RCRA Closure of SEPs	
Submits the attached [000294] Final Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101 and Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Ponds (SEP) dated December 2002 for distribution.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000293.PDF	72 KB
I101-A-000294	12/1/2002
Final PAM for IHSS 101 and RCRA Closure of SEPs	
Final Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101 and Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Ponds (SEP), December 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000294.pdf	76 MB
I101-A-000295	12/12/2002
Submits the Draft Closeout Report for IHSS Group 000-1 SEPs	
Submits the attached [000296] Draft Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Ponds (SEP) Area of Concern, dated December 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000295.PDF	71 KB
I101-A-000296	12/1/2002
Draft Closeout Report for IHSS Group 000-1 SEPs	
Draft Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Ponds (SEP) Area of Concern, December 2002. This report summarizes accelerated action activities that were planned and executed in accordance with the Industrial Area Sampling and Analysis Plan (IASAP) Addendum IA-02-07. Also in accordance with the Environmental Restoration RFCA Standard Operating Protocol (ER RSOP) provided in Notification 02-08.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000296.PDF	10 MB
I101-A-000297	12/10/2002
Submits Draft Closeout Report for IHSS Group 000-1 SEPs	
Submits the attached [000296] Draft Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Ponds (SEP) Area of Concern, dated December 2002, for review.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000297.PDF	63 KB
I101-A-000298	12/1/2002
Draft Closeout Report for IHSS Group 000-1 SEPs, replacement pages	
Replacement pages: Draft Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Ponds (SEP) Area of Concern, December 2002. Replaces pages 1, 2, 40, 54, 70 and 71.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000298.PDF	403 KB
I101-A-000299	12/18/2002
Forwards Final PAM for IHSS 101 and RCRA Closure of the SEP	

Forwards the attached [000294] Final Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101 and Resource Conservation and Recovery Act (RCRA) Closure of the Solar Evaporation Ponds (SEP), December 2002. This document includes Responsiveness Summary (RS) to comments received as a result of public review.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000299.PDF 82 KB

I101-A-000300 11/25/2002

CDPHE agrees with 207C Pond Closure Project

Purpose of Contact: The Colorado Department of Public Health and Environment (CDPHE) agrees that the 207C Pond Closure Project can go forward in peeling the inside liner and the berms into C pond if additional characterization of the liner material and soil beneath the liner to supplement existing data are taken.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000300.PDF 66 KB

I101-A-000301 11/27/2002

Pond 207C Closure

Purpose of Contact: The Colorado Department of Public Health and Environment (CDPHE) agrees to move forward and start pushing the berms into to the NE and SE corners of Pond 207C as part of the closure. The record gives results of sampling from the corners and gives new highlighted data that is not in duplicated document under I101-A-000291.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000301.PDF 92 KB

I101-A-000302 7/1/2002

SEP RAD Summary Report

Kaiser-Hill Company, L.L.C. (K-H) Environmental Restoration (ER) provides the Solar Evaporation Ponds (SEP) Closeout Radiation Absorbed Dose (RAD) Summary Report. This report gives survey results on different pieces of equipment and areas located in the SEP.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-A-000302.PDF 55 MB

I101-A-000303 12/18/2002

Forwards the Draft Closeout Report for IHSS Group 000-1 SEPs AOC

Forwards the attached [000296] Draft Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Ponds (SEP) Area of Concern, December 2002. Also this forwards the Characterization Data Summary for IHSS Group 000-1 for review.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000303.PDF 56 KB

I101-A-000304 1/17/2003

Comments on the Draft Final HHRA for SEPs

The Colorado Department of Public Health and Environment (CDPHE) provides comments on the Draft Final Human Health Risk Assessment (HHRA) for the Solar Evaporation Ponds (SEP), dated December 2002. This was submitted as part of December 2002 version of the Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000304.PDF	1 MB
I101-A-000305	1/6/1995
Solar Evaporation Ponds (SEP) Assorted Drawings	
Solar Evaporation Ponds (SEP) Assorted Drawings: 51045-430; 51045-435; 51045-436; 19379-2; 19379-3; 37665-X03; 37665-010; 37665-030; 37624-100-M; 37624-101-M; 37624-102-M; 37624-103-M; 37624-200-M; 37665-040; 37665-041; 28883-003; 28883-0004; 28883-007; 28883-008; 28883-009; 28883-010; 28883-013; 28883-020; 28883-021; 28883-022; 28883-023; 28883-024; 28883-051-01D; 28883-051-02D. Date range: 7/9/1970 thru 1/6/1995	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000305.PDF	11 MB
I101-A-000306	1/4/1999
Solar Evaporation Ponds (SEP) Assorted Drawings	
Solar Evaporation Ponds (SEP) Assorted Drawings: 39365-401; 39365-002; 24463-1; 14267-9; 29147-1; 29147-2; 1-1454-207; 19379-5; 19379-1; 1-6393-207B; D-11120-1; 12131-207; 25787-CO1; 25786-CO1; 1-3398-207; 16887-1; 1-8080-207; 1-8081-207; 1-6217-207; 1-6218-207; 39670-0002; 39670-0002-01E; 25976-D01; 38757-400; 38757-401; 28103-101; 28103-102; 28103-201; 28103-202; 28103-203; 27452-207; 27452-209; 27452-210; 27452-211 - Date range: 12/16/1955 thru 1/4/1999	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-A-000306.pdf	14 MB
I101-A-000307	11/12/1979
NPDES Permit Application for Dams A-4, B-5 and C-2	
Encloses the National Pollution Discharge Elimination System (NPDES) Permit Application for Dams A-4, B-5 and C-2. It is proposed that the permit for discharge locations 005, 006 and 007 include monitoring and reporting requirements for pH and suspended solids without any attendant limits.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000307.PDF	204 KB
I101-A-000308	5/22/2003
Approves PAM for IHSS 101 RCRA Closure	
The Colorado Department of Public Health and Environment (CDPHE) approves the Final Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101 and Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Ponds (SEP), December 2002. The comments have been adequately addressed and the approval constitutes closure of this RCRA interim status unit.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000308.PDF	107 KB
I101-A-000309	6/13/2003
Forwards the Final Closeout Report for IHSS Group 000-1	
Remediation, Industrial Building D&D and Site Services Project, RISS forwards / submits the attached [000310] Final Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 for verification and subsequent approval. Previous comments have been incorporated as discussed. US Department of Energy, Rocky Flats Field Office (DOE/RFFO) will request formal approval from the Regulators upon completion of their verification.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000309.PDF	80 KB
I101-A-000310	6/1/2003
Final Closeout Report for IHSS Group 000-1	
Final Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1, June 2003 - This closeout report summarizes accelerated action activities conducted at the Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Pond (SEP) Area of Concern (AOC). Notification of the planned characterization and removal activities was provided in ER RSOP Notification 02-08. Activities performed under this Notification were conducted between August 6 and November 20, 2002, and involved the removal of all concrete slabs, all above-ground process waste lines, some below-ground process waste lines, a valve pit, miscellaneous valve components, all sumps and pumps, and contaminated soil (Hot Spots). There were only minor deviations from the Notification. Some below-ground waste lines and drain lines remain; however, all of these lines have been disrupted (plugged).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000310.PDF	8 MB
I101-A-000311	6/25/2003
Forwards DSR for IHSS Group 000-1	
Forwards/submits the attached [000312] Data Summary Report for IHSS Group 000-1 dated June 2003 for approval. This Data Summary Report (DSR), Individual Hazardous Substance Site IHSS Group 000-1 consists of IHSS 000-101 Solar Evaporation Ponds (SEP) area north of IHSS 175, IHSS 900-165 Triangle Area and IHSS 900-176 S&W Contractor Yard.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000311.PDF	102 KB
I101-A-000312	6/1/2003
DSR for IHSS Group 000-1	
Data Summary Report for IHSS Group 000-1 June 2003 - This Data Summary Report (DSR), Individual Hazardous Substance Site IHSS Group 000-1 consists of IHSS 000-101 Solar Evaporation Ponds (SEP) area north of IHSS 175, IHSS 900-165 Triangle Area and IHSS 900-176 S&W Contractor Yard. (See replacement pages in AR I101-A-000317.)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000312.PDF	5 MB
I101-A-000313	7/1/2003
A waiting approval for Final Closeout Report for IHSS Group 000-1	
The US Department of Energy (DOE) previously transmitted the Final Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1, June 2003 with a cover letter dated June 13, 2003 and is still awaiting final approvals of this document.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000313.PDF	95 KB
I101-A-000314	7/1/2003
Awaiting approval for Data Summary Report for IHSS Group 000-1	
The US Department of Energy (DOE) previously forwarded the Data Summary Report for IHSS Group 000-1 June 2003 with a cover letter dated June 25, 2003. The DOE is still awaiting approval and concurrence that this IHSS Group is a No Further Accelerated Action (NFAA) from the agencies.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000314.PDF	98 KB
I101-A-000315	8/14/1992
CDH letter related to Permit Application for Pond Consolidation	
Transmits letter from Colorado Department of Health (CDH) related to Permit Application for pond consolidation. Requests records of fuel deliveries for generators, and assumes responsibility for reporting quantities to Colorado Department of Health (CDH) to ensure compliance with permit.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000315.PDF	59 KB
I101-A-000316	8/11/1992
Approves Permit Application providing listed info is accurate and complete	
Approves Permit Application No. 92JE669 (1-4) providing listed information is accurate and complete. Advises that annual records of diesel fuel use shall be maintained by applicant and made available to the Air Pollution Control Division upon request.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000316.PDF	105 KB
I101-A-000317	8/6/2003
Replacement pages to the DSR for IHSS Group 000-1 June 2003	
Replacement pages to the Data Summary Report for IHSS Group 000-1 June 2003 (I101-A-000312) - The purpose of the replacement pages is to correct typing errors on the header and the date (2002-2003) on the front cover. To replace page 32 to the end of the document with those supplied, which have correct headers and page numbers.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000317.PDF	1 MB
I101-A-000318	7/29/2003
Approves replacement pages for Data Summary Report for IHSS Group 000-1	
The Colorado Department of Public Health and Environment (CDPHE) and the US Environmental Protection Agency (EPA) have reviewed the replacement pages for the Data Summary Report for IHSS Group 000-1 dated June 2003 and find the comments were adequately responded to therefore is approved. With this approval the agencies concur that No Further Accelerated Action (NFAA) is necessary for IHSS Group 000-1.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000318.PDF	104 KB
I101-A-000319	7/25/2003
Approves the Final Closeout Report for IHSS Group 000-1	
The Colorado Department of Public Health and Environment (CDPHE) and the US Environmental Protection Agency (EPA) has reviewed the Final Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 dated June 2003 and approves the characterization and removal activities performed under the ER RSOP Notification No. 02-08. With this approval, the agencies concur that No Further Accelerated Action (NFAA) is necessary at the sites covered by this notification.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000319.PDF	98 KB
I101-A-000320	4/1/2003

Final PAM for IHSS 101 and RCRA Closure of SEPs	
Final Proposed Action Memorandum (PAM) for Individual Hazardous Substance Site IHSS 101 and Resource Conservation and Recovery Act (RCRA) Closure of the Rocky Flats Environmental Technology Site (RFETS/Site) Solar Evaporation Ponds (SEP), April 2003.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000320.PDF	88 MB
I101-A-000321	2/6/1996
OU04 SEPs Phase II Ground Water Investigation FFPR IHSS 101	
This Final Field Program Report (FFRP) presents the results of a groundwater investigation conducted for Operable Unit 4 (OU04) at the US Department of Energy (DOE) Rocky Flats Environmental Technology Site (RFETS/Site) in Jefferson County, Colorado. Operable Unit 4 (OU) is also commonly referred to as the Solar Evaporation Ponds (SEPs) OU. This work was completed in partial fulfillment of the Phase II Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Work Plan (WP) for OU04 at RFETS EG&G Rocky Flats, Inc. (EG&G, 1994a).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000321.PDF	28 MB
I101-A-000322	7/1/2002
WARP Work Plan Addendum for the SEP	
This Well Abandonment and Replacement Program Work Plan Addendum is an attachment to the WARP Work Plan. It describes specific WARP activities to be performed at and around the Solar Evaporation Ponds (SEPs) in calendar year 2002 (CY02). This addendum describes well abandonment, installations, and groundwater monitoring activities that shall be performed in CY02 in support of closure activities conducted at and around the SEPs. These closure activities include plans to remove the berms.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000322.pdf	919 KB
I101-A-000323	5/1/1992
Responses to CDH/EPA comments re Final Phase I RFI/RI Work Plan - SEPs	
Responses to Colorado Department of Health (CDH) and the US Environmental Protection Agency (EPA) comments regarding the Final Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) Work Plan for Operable Unit OU04 (Solar Evaporation Ponds, SEPs), dated May 1992.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000323.PDF	2 MB
I101-A-000324	7/1/2002
Draft IASAP FY02 Addendum IA-02-07 SEP Area of Concern, July 2002	
Draft Industrial Area Sampling and Analysis Plan FY02 Addendum IA-02-07 Solar Evaporation Ponds Area of Concern. This IASAP Addendum includes specific information, sampling locations, and potential contaminants of concern (PCOC) for the SEP AOC and Potential Areas of Concern (PAC) sites proposed for characterization during Fiscal Year 2002. It includes data and proposed sampling locations for PAC-1310, Original Process Waste Lines (OPWL), Resource Conservation and Recovery Act (RCRA) units, and other miscellaneous areas.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000324.pdf	3 MB

I101-A-000325	8/1/2002
IASAP FY02 Addendum IA-02-07 SEP Area of Concern, August 2002	
Industrial Area Sampling and Analysis Plan FY02 Addendum IA-02-07 Solar Evaporation Ponds Area of Concern. IHSS Group 000-1. This IASAP Addendum includes specific information, sampling locations, and potential contaminants of concern (PCOC) for the SEP AOC and Potential Areas of Concern (PAC) sites proposed for characterization during Fiscal Year 2002. It includes data and proposed sampling locations for PAC-1310, Original Process Waste Lines (OPWL), Resource Conservation and Recovery Act (RCRA) units, and other miscellaneous areas.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000325.pdf	2 MB
I101-A-000326	7/1/1988
SEP Closure Plan, July 1988, DOE (OU04-A-000061-64)	
The SEP Closure Plan, July 1998, DPE is listed in the reference section to the Solar Evaporation Pond, Final PAM, dated April 2003. However, this reference identifies the incorrect date and the incorrect author. The actual document date is July 1988 and the author is DOE, not DPE. This was a typographical error that was missed prior to the document being finalized and submitted into the Administrative Record. Please see Administrative Record Numbers OU04-A-000061 (for Volume I), OU04-A-000062 (for Volume II), OU04-A-000063 (for Volume III), and OU04-A-000064 (for Volume IV) for the SEP Closure Plan, 1988.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000326.PDF	42 KB
I101-A-000327	2/1/2002
Final Proposed IM/IRA for SEP, OU4, February 1992	
The Final Interim Measures / Interim Remedial Action (IM/IRA) for the Solar Evaporation Ponds (SEP), OU04, February is listed in the reference section to the SEPs, Final Proposed Action Memorandum (PAM), dated April 2003. However, this reference identifies the incorrect date. The actual document should be April 1992. The February 1992 date is based on the transmittal letter for this document and not the document itself. Please see Administrative Record Number OU04-A-000132 for the actual document.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000327.PDF	41 KB
I101-A-000328	9/19/2002
Solar Pond Remediation PAM Calculations, Air Quality Management (AQM) RFETS, September 19, 2002	
The Solar Pond Remediation PAM Calculations, Air Quality Management (AQM) RFETS, September 19, 2002 is listed in the reference section to the Solar Evaporation Ponds (SEP), Final Proposed Action Memorandum (PAM), dated April 2003. However, this reference is incorrect and the actual document should be the Kaiser-Hill Air Pollutant Emission Notice for the Solar Ponds Closure Project at the Rocky Flats Environmental Technology Site (Site), dated November 4, 2002 and submitted to the Colorado Department of Public Health and Environment, Air Pollution Control Division. Please see Administrative Record Number I101-A-000285 for this document.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000328.PDF	53 KB
I101-A-000330	3/27/2000
CDPHE comments re Solar Ponds Decision Document	

The State cannot concur that the objectives of the Solar Ponds Decision Document were met by completion of this project. Issuing a closeout report prior to the system actually functioning seems premature. The agencies have agreed to wait for anticipated spring moisture to test the hydraulics and operating efficiencies of the system.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000330.PDF 156 KB

I101-A-000331 12/1/2002

Draft Closeout Report for IHSS Group 000-1 SEP AOC

Draft Closeout Report for Individual Hazardous Substance Site IHSS Group 000-1 Solar Evaporation Ponds (SEP) Area of Concern (AOC). This closeout report summarizes accelerated action activities conducted at the IHSS Group 000-1 SEP AOC. Activities were conducted between August 6 and November 20, 2002, and involved the removal of all concrete slabs, all above-ground waste lines, some below-ground waste lines, a valve pit, miscellaneous valve components, all sumps and pumps, and contaminated soil (hot spots).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000331.pdf 10 MB

I101-A-000332 8/1/1994

OU04 IAG Phase II RFI/RI Requirements for Post Closure Assessment PIP

Operable Unit No.4 Solar Evaporation Ponds (SEP) Interagency Agreement (IAG) Phase II RCRA Facility Investigation / Remedial Investigation Requirements Post Closure Assessment Project Implementation Plan (Revised Draft - Revision 2). This OU04 Phase II RFI/RI PIP includes the Project Management Plan and Master Schedule.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000332.pdf 5 MB

I101-A-000333 12/1/2002

Final PAM for IHSS 101 and RCRA Closure of RFETS SEP

This Proposed Action Memorandum (PAM) decision document serves to close the Solar Evaporation Pond (SEP), Individual Hazardous Substance Site IHSS 101. IHSS accelerated actions and Resource Conservation and Recovery Act (RCRA) unit closures are approved by the Colorado Department of Public Health and Environment (CDPHE) and the US Environmental Protection Agency (EPA) under the Rocky Flats Cleanup Agreement (RFCA) (DOE, et al. 1996) RFCA is both a cleanup agreement under the Comprehensive Environmental Response, Compensation and Liability Act (CERCLA) and a compliance order on consent under RCRA and the Colorado Hazardous Waste Act (CHWA). Therefore, actions associated with IHSS 101 will be completed under RFCA and closure of the SEP will be completed under RCRA. Includes the Draft Final Human Health Risk Assessment for the SEPs.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000333.pdf 74 MB

I101-A-000334 8/26/1994

Transmits OU04 IAG Phase II RFI/RI Requirements for Post Closure Assessment PIP

Letter transmits the attached [000332] Project Implementation Plan, Revision 2 Operable Unit OU04 Phase II RFI/RI Requirements Post Closure Assessment. This PIP incorporates EG&G comments on previous document revisions, as well as includes the OU04 Phase II RFI/RI's most recent Work Breakdown Structure (WBS) as revised and submitted.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000334.PDF 83 KB

I101-A-000335	5/31/1995
Final: Geophysical Report SEP OU No. 4 Phase II RFI/RI IHSS 101	
This document presents the Geophysical report for the Solar Evaporation Pond (SEP), Operable Unit (OU04) No.4 Phase II RFI/RI, IHSS 101. The geophysical investigation is the initial study in the acquisition of data for the observational approach for the progressive (OU04) No.4 Phase II RFI/RI. This approach is designed to be flexible and allow real time analysis of data for subsequent field activities and direct additional data acquisition.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-A-000335.pdf	14 MB
I101-A-INFO	4/5/1993
Draft letter to EPA and CDH and milestone extension rationale and OU04 SEP Phase I RFI/RI target schedule	
Draft letter to US Environmental Protection Agency (EPA) and Colorado Department of Health (CDH) and the milestone extension rationale and OU04 Solar Evaporation Pond (SEP) Phase I Resource Conservation Recovery Act (RCRA) Facilities Investigation / Remedial Investigation (RFI/RI) target schedule.	
I101-A-INFO	2/4/2002
Note to File: Information Only Entry: Building 060	
Information Only entry: Building 060 - - RAC Corp. - Information and Access Center RISS D&D 060, RISS Area: N/A; Group -N/A, Cluster: N/A Facility Grouping No.: FGN-13, Facility Area: 1-3-5-9, Facility Type: N/A	
I101-A-INFO	2/4/2002
Note to File: Property Id: Tank 360 - Thermal Desorption Condensate, aka T - 101, NDT 2201 (moved to 901 Yad, waiting disposition)	
Information Only Entry: Property Id: Tank 360 - Thermal Desorption Condensate, aka T - 101, NDT 2201 (moved to 901 Yard, waiting disposition) Information and Access Center RISS D&D, RISS Area: 1; Group - N/A, Cluster: N/A Facility Grouping No.:9 Facility Area: 1-3-5-9, Facility Type: N/A	
I101-B-000001	1/8/1998
SAP Groundwater Sampling and Well Installation in SPP Area, December 29, 1997	
Forwards the enclosed Sampling and Analysis Plan (SAP) for Groundwater Sampling and Well Installation in the Solar Ponds Plume (SPP) Area, December 29, 1997, to the Colorado Department of Public Health and Environment (CDPHE) and the US Environmental Protection Agency (EPA) for review.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000001.PDF	1 MB
I101-B-000002	12/15/1997

FSP for Plant Materials in the Area of the Solar Ponds Plume (SPP)	
Field Sampling Plan (FSP) for Plant Materials in the Area of the Solar Ponds Plume (SPP). This SPP FSP directs the collection of samples from existing vegetation in the area of North Walnut Creek and Rock Creek drainages.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000002.PDF	262 KB
I101-B-000003	12/29/1997
SAP for Soils in the Area of the Solar Ponds Plume (SPP), December 29, 1997	
Sampling and Analysis Plan (SAP) for Soils in the Area of the Solar Ponds Plume (SPP), December 29, 1997. This SAP is to direct the collection of soil samples in the North Walnut Creek Drainage; activity supports field evaluations in and around the area of the SPP and the Interceptor Trench System (ITS).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000003.PDF	445 KB
I101-B-000004	2/10/1998
SAP for Groundwater Sampling and Well Installation in the Solar Ponds Plume	
Sampling and Analysis Plan (SAP) for Groundwater Sampling and Well Installation in the Solar Ponds Plume (SPP) Area, Remediation North Walnut Creek Nitrate Plume (NWCNP).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000004.PDF	2 MB
I101-B-000005	2/9/1998
Addendum for Planned Intrusive Activities in the SPP Area, February 1998	
Task-specific Health and Safety Plan (HASP) Addendum for Planned Intrusive Activities in the Solar Ponds Plume (SPP) Area, February 1998, Re (Addendum to HASP for the 1996 WARP, April 1996) (See CERCLA Administrative Record (AR) SW-A-02173)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000005.PDF	990 KB
I101-B-000006	2/12/1998
SAP for Groundwater Sampling and Well Installation in SPP Area	
Sampling and Analysis Plan (SAP) for Groundwater Sampling and Well Installation in the Solar Ponds Plume (SPP) Area, SPP Remediation North Walnut Creek Nitrate Plume (NWCNP) - replaces pages 12 - 19, and 22, and Figure No. 2; see document under CERCLA Administrative Record (AR) I101-B-000004).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000006.PDF	627 KB
I101-B-000007	2/9/1998
Task-specific HASP Addendum for Planned Intrusive Activities in SPP Area, February 1998	
Task-specific Health and Safety Plan (HASP) Addendum for Planned Intrusive Activities in the Solar Ponds Plume (SPP) Area, February 8, 1998.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000007.PDF	1 MB
I101-B-000009	2/25/1998

Final SAP for Groundwater Sampling and Well Installation in the Solar Ponds Plume	
US Department of Energy, Rocky Flats Field Office (DOE/RFFO) forwards the Final Sampling and Analysis Plan (SAP) for Groundwater Sampling and Well Installation in the Solar Ponds Plume (SPP) Area and responses to the comments made by the Colorado Department of Public Health and Environment (CDPHE) concerning the Draft SAP dated December 29, 1997. The responses to the comments, as well as verbal comments received from the Colorado Department of Public Health and Environment (CDPHE) and the US Environmental Protection Agency (EPA) on January 16, 1998, were incorporated into the revised SPP Plan, February 10, 1998 (see CERCLA Administrative Record (AR) I101-B-00004)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000009.PDF	213 KB
I101-B-000010	12/19/1997
Forwards the SAP for Soils in the Area of the Solar Ponds Plume (SPP)	
Forwards the attached [000003] Sampling and Analysis Plan (SAP) for Soils in the Area of the Solar Ponds Plume (SPP). The purpose of this SAP is to direct the collection of soil samples in the North Walnut Creek Drainage, and this task will provide preliminary information regarding soil types, soil chemistry, and physical characteristics.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000010.PDF	72 KB
I101-B-000011	7/17/1998
Conceptual Model for Hydrogeologic Eval of Remedial Alternatives for SPP	
Transmits the enclosed Conceptual Model for Hydrogeologic Evaluation of Remedial Alternatives for the Solar Ponds Plume (SPP), dated July 16, 1998.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000011.pdf	3 MB
I101-B-000012	8/12/1998
Fowards Conceptual Model for Hydrogeologic Eval of Remedial Alts for SPP	
Correspondence forwards the report - Conceptual Model for Hydrogeologic Evaluation of Remedial Alternatives for the Solar Ponds Plume (SPP), dated July 16, 1998 (SPP)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000012.PDF	106 KB
I101-B-000013	1/6/1999
Draft Conceptual Design Report	
Forwards the enclosed Draft Conceptual Design Report (CDR) for the Solar Ponds Plume (SPP), July 1998, to the agencies for information only. It represents a conceptual design for Phytoremediation of the SPP, but was not finalized because the Phytoremediation approach was abandoned based on information in the document. Interagency Agreement (IAG)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000013.PDF	4 MB
I101-B-000014	1/5/1999
Draft, Major Modifications to the Final Proposed IM/IRA for SEPs, OU04, 1992	

Solar Ponds Plume (SPP) Decision Document (DD), Draft, Major Modifications to the Final Proposed Interim Measure / Interim Remedial Action (IM/IRA) for the Solar Evaporation Ponds (SEPs), Operable Unit OU04, 1992 - The original IM/IRA was written as a result of an agreement among the US Department of Energy, Rocky Flats Field Office (DOE/RFFO), the Colorado Department of Public Health and Environment (CDPHE) and the US Environmental Protection Agency (EPA) to address the issue of contaminated surface water in a portion of the North Walnut Creek Drainage at the Rocky Flats Environmental Technology Site (RFETS). This DD presents an evaluation of remedial alternatives and the proposed remedial action for managing the SPP to ensure protections of surface water. At present, water collected from the SPP by the Interceptor Trench System (ITS) is treated by flash evaporation at Building 374; however, the present collection system is not effective in capturing all contaminated groundwater flow from theSEPs. RFETS undertook a study to evaluate more cost-effective treatment technologies for the SPP. Although reducing the cost of treating the SPP water was the primary reason for identifying an alternative treatment method, the alternative is also a long-term solution / remediation for the SPP.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000014.PDF	5 MB
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I101-B-000015	1/14/1999
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Draft SPP DD, dated January 5, 1999, for regulator review and comment

Forwards the attached [000014] Draft Solar Ponds Plume (SPP) Decision Document (DD) , dated January 5, 1999, for regulator review and comment. This SPP DD outlines the remediation strategy, treatment goals, applicable regulatory requirements, and implementation schedule to accomplish a long-term, cost-effective remedy for the SPP groundwater interception, management, and treatment; represents a major modification to the Operable Unit OU04 Interim Measure / Interim Remedial Action (IM/IRA), 1992

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000015.PDF	66 KB
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I101-B-000017	2/8/1999
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Reviewed the Draft SPP Decision Document (DD), dated January 5, 1999

The Colorado Department of Public Health and Environment (CDPHE) and US Environmental Protection Agency (EPA) have reviewed the Draft Solar Ponds Plume (SPP) Decision Document (DD), dated January 5, 1999, and provide the attached comments. Pending resolution of these comments, the SPP / DD can be released for public comment.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000017.PDF	225 KB
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I101-B-000018	2/20/1999
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Comments regarding the January 5, 1999 Draft SPP Decision Document

Correspondence provides additional Colorado Department of Public Health and Environment (CDPHE) comments regarding the January 5, 1999 Draft Solar Ponds Plume (SPP) Decision Document (DD). There is an additional issue regarding meeting the substantive requirements of the National Pollution Discharge Elimination System (NPDES) regulations as described in Section 7.0.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000018.PDF	92 KB
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I101-B-000019	1/1/1999
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Comments regarding the January 5, 1999 Draft SPP Decision Document

Response to Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD), comments regarding the January 5, 1999 Draft Solar Ponds Plume (SPP) Decision Document (DD).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000019.PDF	1 MB
I101-B-000020	4/20/1999
Draft Final Solar Ponds Plume Decision Document	
Forwards the enclosed Draft Final Solar Ponds Plume Decision Document into the regulatory agencies. All agency comments have been incorporated into this document. The official Public Comment Period is scheduled to start as soon as the Regulatory Agencies approve the responses to the comments. Installation of the groundwater barrier is tentatively scheduled to begin in June 1999. Also included are the response to the Colorado Department of Public Health and Environment (CDPHE) Hazardous Waste Management Division (HZMD), comment on the Draft Solar Ponds Plume (SPP) Decision Document (DD), January 5, 1999; and the Administrative Record (AR) Index for the SPP.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000020.PDF	2 MB
I101-B-000021	4/14/1999
Draft Final Solar Ponds Plume Decision Document, Major Modifications	
Draft Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04; Revision: Draft/Final, April 14, 1999 - This DD outlines the remediation strategy, treatment goals, applicable regulatory requirements, and implementation schedule to accomplish a long-term and more cost-effective remedy for the Solar Ponds Plume (SPP) groundwater interception, management, and treatment. The SPP is currently being managed and treated according to the amended IM/IRA (US Department of Energy (DOE), 1992; Doe, 1995)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000021.pdf	6 MB
I101-B-000022	4/14/1999
Transmits the Draft Final SEP Plume Decision Document, Major Modifications	
Transmits the Draft Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04; Revision: Draft/Final, April 14, 1999 - Transmits copies of the Solar Ponds Plume (SPP) document to the US Department of Energy (DOE), the Colorado Department of Public Health and Environment (CDPHE), and the US Environmental Protection Agency (EPA). All agency comments have been incorporated into this document; copies of the response to comments included.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000022.PDF	63 KB
I101-B-000023	6/9/1999
Final Solar Ponds Plume Decision Document, Major Modifications	

Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04, 1992; June 9, 1999 - The original IM/IRA was written as a result of an agreement among the US Department of Energy, Rocky Flats Field Office (DOE/RFFO), the Colorado Department of Public Health and Environment (CDPHE), and the US Environmental Protection Agency (EPA) to address the issue of contaminated surface water in a portion of North Walnut Creek Drainage at the Rocky Flats Environmental Technology Site (RFETS). This DD presents an evaluation of remedial alternatives and the proposed remedial action for managing the Solar Ponds Plume (SPP) to ensure protection of surface water.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000023.pdf

7 MB

I101-B-000024

6/9/1999

Re Final Solar Ponds Plume Decision Document, Major Modifications

Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04, 1992; June 9, 1999 - Questions and Comments Related to the Decision Document (DD) for the Solar Ponds Groundwater Contamination Plume (SPP) at the Rocky Flats Environmental Technology Site (RFETS), January 15, 1999

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000024.PDF

439 KB

I101-B-000025

6/9/1999

Re Final Solar Ponds Plume Decision Document, Major Modifications

Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04, 1992; June 9, 1999 - Response to City of Westminster comments on the Draft Solar Ponds Plume (SPP) Decision Document (DD), June 3, 1999

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000025.PDF

478 KB

I101-B-000026

6/21/1999

Re Final Solar Ponds Plume Decision Document, Major Modifications

Forwards the attached [000023] Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04, 1992; June 9, 1999 - This DD has been revised with changes recommended by the Colorado Department of Public Health and Environment (CDPHE). The US Department of Energy, Rocky Flats Field Office (DOE/RFFO) received CDPHE approval on June 11, 1999. Also attached are responses to comments submitted by both the Citizen's Advisory Board (CAB) and the City of Westminster

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000026.PDF

135 KB

I101-B-000027

6/3/1999

Comments from City of Westminster regarding Draft SPP Decision Document

Comments from the City of Westminster regarding the Draft Solar Ponds Plume (SPP) Decision Document (DD).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000027.PDF

139 KB

I101-B-000028	6/8/1999
Transmits the attached Solar Ponds Plume (SPP) Health and Safety Plan (HASP), June 10, 1999	
Transmits the attached Solar Ponds Plume (SPP) Health and Safety Plan (HASP), June 10, 1999; and Field Implementation Plan (FIP) Treatment System, June 10, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000028.PDF	44 KB
I101-B-000029	6/10/1999
SEP Plume Field Implementation Plan (FIP) Treatment System, June 10, 1999	
Solar Ponds Plume (SPP) Field Implementation Plan (FIP) Treatment System, June 10, 1999 - This FIP describes the required activities and performance specifications for the design, construction and startup of the subsurface collection and treatment system for the SPP remediation project. The SPP contains Uranium (U) and Nitrate contamination.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000029.PDF	958 KB
I101-B-000030	6/10/1999
Solar Ponds Plume (SPP) Health and Safety Plan (HASP), June 10, 1999	
Solar Ponds Plume (SPP) Health and Safety Plan (HASP), June 10, 1999 - This Construction Health and Safety Plan (CHASP) establishes the procedures and requirements that will be used to minimize health and safety risks to persons involved with the construction of the reactive barrier for the Solar Ponds Plume (SPP) Project. The Plan contains information about the hazards involved in performing the tasks and the specific actions and equipment that will be used to protect persons working at the SPP Project.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/Revised I101-B-000030.pdf	2 MB
I101-B-000031	4/6/1999
Draft Final Solar Ponds Plume (SPP) DD, Environmental Checklist	
Forwards the enclosed Draft Final Solar Ponds Plume (SPP) Decision Document (DD), Environmental Checklist, April 6, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000031.PDF	462 KB
I101-B-000032	6/9/1999
Transmittal of the Final Solar Ponds Plume (SPP) Decision Document	
Transmittal of the Final Solar Ponds Plume (SPP) Decision Document (DD), June 09, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000032.PDF	69 KB
I101-B-000033	1/19/1999
Questions and comments related to DD for Solar Ponds Groundwater Contamination Plume (SPP)	

Final Solar Ponds Plume Decision Document, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action Plan (IM/IRA) Decision Document (DD) for the Solar Evaporation Ponds (SEP), Operable Unit OU04, 1992; June 9, 1999 - Questions and comments related to the Decision Document (DD) for the Solar Ponds Groundwater Contamination Plume (SPP) at the Rocky Flats Environmental Technology Site (RFETS), January 19, 1999	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000033.PDF	411 KB
I101-B-000034	6/28/1999
Final SPP DD, Comment Response	
Submits the enclosed Final Solar Ponds Plume (SPP) Decision Document (DD), Comment Response, June 28, 1999; Decision by Mary Harlow, City of Westminster after the Strategy focus group meeting stating that she was satisfied with Rocky Flats Environmental Technology Site (RFETS) responses to their letter and comments. Also enclosed: Email message relating that US Environmental Protection Agency (EPA) gave approval to begin SPP Project since earlier issue with Colorado Department of Public Health and Environment (CDPHE) re: performance monitoring and decision rules in the DD has been resolved.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000034.PDF	50 KB
I101-B-000035	6/8/1999
Final SPP DD, Comment Response	
Forwards the attached Final Solar Ponds Plume (SPP) Decision Document (DD), Comment Response, June 8, 1999; Revised Section 5.5 for the SPP DD . Rich Horstmann has reviewed the section and his comments are incorporated.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000035.PDF	141 KB
I101-B-000036	6/8/1999
Performance Monitoring Text, Table 5.1 Schedule for Water Quality Sampling and Water Level Measurements	
Forwards the attached Performance Monitoring Text, Table 5.1 Schedule for Water Quality Sampling and Water Level Measurements, June 8, 1999. Performance monitoring will be conducted to determine the effectiveness of the system in meeting the primary objectives. Monitoring of the treatment system will be accomplished by comparing results of the treatment system influent and effluent.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000036.PDF	132 KB
I101-B-000037	6/8/1999
SPP Treatment System Effluent Concentrations	
Forwards the attached Solar Ponds Project (SPP) Treatment System Effluent Concentrations, June 8, 1999, spreadsheet showing how the SPP treatment system was calculated to produce an effluent of a maximum of about 50 mg/l in order to maintain surface water quality standards.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000037.PDF	132 KB
I101-B-000038	6/8/1999
SPP Treatment System Effluent Concentrations	

Forwards the attached Solar Ponds Project (SPP) Treatment System Effluent Concentrations, June 8, 1999, reviews spreadsheet from Rich Horstmann using a stream standard of 10 mg/L which represents the ultimate goal of the treatment system that should make the case that the system need only meet the mg/L level until 2009.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000038.PDF 67 KB

I101-B-000039 6/7/1999

Discusses SPP approval for the Horstmann-Love loading calculations

Forwards the attached Solar Ponds Project (SPP) approval for the Horstmann-Love loading calculations consistency with the design of the treatment system while reformatting the decision rules into the more familiar style of the Integrated Monitoring Plan (IMP) and to meet Carl Spreng's desire to see the incorporation of data that reflects stable conditions, June 7, 1999.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000039.PDF 97 KB

I101-B-000040 6/7/1999

E-mail Correspondence, Solar Ponds Project

Forwards the attached Solar Ponds Project (SPP) taking another look at tightening up the decision rules and discussing them prior to sending them to Elizabeth Pottorf and continuing to drive ahead with the readiness. Silt fencing and site preparation that does not require road closure can be done. The sealing of the upper interceptor trench cannot be started because Carl Spreng uncomfortable with that until the document was approved, June 7, 1999.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000040.PDF 89 KB

I101-B-000041 6/3/1999

E-mail Correspondence, Solar Ponds Project

Forwards the attached Solar Ponds Project (SPP), Section 5.5, Performance Monitoring of the Solar Ponds Decision Document (DD); the section has been revised per email and discussions, June 3, 1999.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000041.PDF 121 KB

I101-B-000042 6/3/1999

E-mail Correspondence: SPP Percentage Total Allowable Stream Load for North Walnut Creek

Provides Solar Pond Plume (SPP) Percentage Total Allowable Stream Load for North Walnut Creek, June 3, 1999.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000042.PDF 90 KB

I101-B-000043 5/28/1999

E-mail Correspondence: Solar Pond Plume

Provides draft version of Solar Pond Plume (SPP) decision rules, approval of Final Solar Ponds Plume Decision Document (SPP DD), May 28, 1999.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000043.PDF 119 KB

I101-B-000044 7/1/1999

Field Modification SPP M/IRA	
Forwards the attached Field Modification Solar Ponds Plume (SPP) Interim Measures / Interim Remedial Action Plan (IM/IRA), July 1, 1999 - This field modification of the SPP IM/IRA is submitted to document a minor change in the construction approach for the SPP project.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000044.PDF	106 KB
I101-B-000045	7/13/1999
Review and approval of the Final SPP Decision Document	
Transmits the review and approval of the Final Solar Ponds Plume (SPP) Decision Document (DD), June, 1999 - July, 13, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000045.PDF	44 KB
I101-B-000046	8/16/1999
Field Modification of the Solar Ponds Plume (SPP) Decision Document (DD)	
Forwards the Rocky Mountain Remediation Services (RMRS) Field Modification of the Solar Ponds Plume (SPP) Decision Document (DD), August 16, 1999 - The SPP DD discusses that a well cluster will be installed north of the collection system to provide additional data and for performance monitoring purposes.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000046.PDF	71 KB
I101-B-000047	9/13/1999
Milestone Extension Request for the SPP and the ETP Projects	
Letter regarding Milestone Extension Request for the Solar Ponds Plume (SPP) and the East Trenches Plume (ETP) Projects; August 31, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000047.PDF	98 KB
I101-B-000048	10/8/1999
Copy SAP for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the IA VOC Plume East Boundary, and SPP Well Installations	
Transmittal of the correspondence from US Department of Energy (DOE) submits a copy of the Final Sampling and Analysis Plan (SAP) for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the Industrial Area (IA) Volatile Organic Compound (VOC) Plume East Boundary, and Solar Ponds Plume (SPP) Well Installations, July 1999. Including the submittal of the Response and Comments from the US Environmental Protection Agency (EPA) and Colorado Department of Public Health and Environment (CDPHE).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000048.PDF	69 KB
I101-B-000049	10/8/1999
Response and comments for the SAP for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the IA VOC Plume East Boundary, and SPP Well Installations	
Transmits the Response and Comments for the Sampling and Analysis Plan (SAP) for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the Industrial Area (IA) Volatile Organic Compound (VOC) Plume East Boundary, and Solar Pond Plume (SPP) Well Installations.	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000049.PDF	321 KB
I101-B-000050	7/30/1999
Final SAP Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the IA VOC Plume East Boundary, and SPP Well Installations	
Transmits the Final Sampling and Analysis Plan for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the Industrial Area Volatile Organic Compound (VOC) Plume East Boundary, and Solar Ponds Plume (SPP) Well Installations. This Sampling and Analysis Plan (SAP) provides for monitoring well installation and groundwater sampling activities at three independent project areas at the Rocky Flats Environmental Technology Site (RFETS) in support of Hydrogeologic Site evaluation activities being conducted to refine plume extent and dynamics, and evaluate the potential for long-term contaminant migration to surface water. The objective of this SAP is to define specific data needs, sampling and analysis requirements, data handling procedures, and associated Quality Assurance/Quality Control (QA/QC) requirements for these projects.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000050.pdf	8 MB
I101-B-000051	8/31/1999
RMRS Field Modification of the Solar Ponds Plume Decision Document	
Email transmitting the Rocky Mountain Remediation Services (RMRS) Field Modification of the Solar Ponds Plume (SPP) Decision Document (DD). This field modification of the Final Solar Ponds Plume Decision Document is submitted to document a minor change in the construction approach and barrier installation for the Solar Ponds Plume project.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000051.PDF	116 KB
I101-B-000052	7/26/1999
East Trenches Plume Project - Field Modification	
E-mail correspondence regarding the East Trenches Plume Project and issuance of a field modification of the Proposed Action Memorandum (PAM), Section 5.2.5 - Construction Waters. Field Modification states, when accumulation of construction waters at the East Trenches Plume Project cannot be effectively or safely collected and transferred to the Site's Consolidated Water Treatment Facility (CWTF), the project team will transfer construction waters to Pond B-2 until such time as the transfer to the CWTF can be resumed or the project is completed. Pond B-2 water will subsequently be evaluated and managed to maintain Pond B-2 emergency spill capacity. Operable Unit OU02: 903 Pad, Mound, and East Trenches Area (ETA)	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000052.PDF	55 KB
I101-B-000053	1/14/2000
Removal of Dissolved Uranium and Nitrate from Groundwater Using Reactive Materials: Laboratory Column Treatability Tests, September 30, 1999	
Letter transmitting document entitled Removal of Dissolved Uranium and Nitrate from Groundwater Using Reactive Materials: Laboratory Column Treatability Tests, September 30, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000053.PDF	49 KB
I101-B-000054	9/30/1999

Removal of Dissolved Uranium and Nitrate from Groundwater Using Reactive Materials: Laboratory Column Treatability Tests, September 30, 1999	
Removal of Dissolved Uranium and Nitrate from Groundwater Using Reactive Materials: Laboratory Column Treatability Tests, September 30, 1999. This document was prepared by the University of Waterloo in support of the Solar Ponds Plume Project.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000054.pdf	1 MB
I101-B-000055	1/14/2000
Quarterly Report: RF Groundwater Plume Treatment Systems	
Letter transmitting the Quarterly Report for the Rocky Flats Groundwater Plume Treatment Systems for the quarter of October through December, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000055.PDF	61 KB
I101-B-000056	12/29/1999
Quarterly Report: RF Groundwater Plume Treatment Systems	
Quarterly Report for the Rocky Flats Groundwater Plume Treatment Systems. This report consolidates the quarterly status of the treatment systems for the Mound Plume (MSP), East Trenches Plume (ETP), and Solar Ponds Plume (SPP). This report covers activity and available data for the quarter from October through December, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000056.pdf	4 MB
I101-B-000057	3/14/2000
Final Solar Ponds Plume Project Closeout Report, FY99	
US Department of Energy (DOE) forwards the enclosed Final Solar Ponds Plume (SPP) Project Closeout Report Fiscal Year 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000057.pdf	888 KB
I101-B-000058	2/17/2000
Transmittal of Final Solar Ponds Plume Project Closeout Report Fiscal Year 1999	
Environment Restoration and Waste Management (ER&WM), Document Description Traveler (DDT) transmitting Final Solar Ponds Plume (SPP) Project Closeout Report Fiscal Year 1999 (FY99).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000058.PDF	55 KB
I101-B-000059	2/17/2000
Final Solar Ponds Plume Project Closeout Report FY99	
Kaiser-Hill Company, L.L.C. (K-H) submits Final Solar Ponds Plume Project (SPP) Closeout Report Fiscal Year 1999 (FY99).	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000059.pdf	836 KB
I101-B-000060	9/29/1999
EPA letter to modify Compliance Agreement	

US Environmental Protection Agency (EPA) letter agreeing that the Compliance Agreement should be modified. Addition to changes regarding total residual chlorine analyses and nitrate levels, clarification of certain provisions of the Compliance Agreement that have been completed. Effective January 1, 1999 the Outfall 002, Pond A-3 Effluent Limitations for nitrate and nitrite shall be 100 mg/l and 4.5 mg/l to be consistent with the temporary modifications for Big Dry Creek Segment 5 established in 1998. Outfall 002 Effluent Limitations shall apply at point Gs-13 a location downstream of the infiltration gallery for the solar ponds interim measure and upstream of pond A-1 bypass, no later than January 1, 2000. Nitrate and nitrite shall be monitored at GS-13 by analysis of composite samples.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000060.PDF 127 KB

I101-B-000061 7/14/2000

K-H submits SPP Project Closeout Report FY 1999

Kaiser-Hill Company, L.L.C. (K-H) submits the Solar Pond Plume (SPP) Project Closeout Report, Fiscal Year 1999. This closeout report includes responses to the Agencies' comments and additional information provided at a meeting with US Environmental Protection Agency (EPA) and Colorado Department of Public Health and Environment (CDPHE) on April 12, 2000.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000061.PDF 88 KB

I101-B-000062 6/26/2000

E-mail concerning SPP Construction Closeout Report

E-Mail correspondence regarding Solar Pond Plume (SPP) Construction Closeout Report which updates the changes on the water levels and contaminant levels in the treatment systems.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000062.PDF 480 KB

I101-B-000063 6/1/2000

Final SEP Plume Project Construction Closeout Report FY 1999

Final Solar Pond Plume (SPP) Project Construction Closeout Report Fiscal Year 1999, Rocky Flats Environmental Technology Site (RFETS), June 1, 2000.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000063.pdf 2 MB

I101-B-000064 10/3/2000

E-mail regarding SPP Construction Closeout Report

Colorado Department of Public Health and Environment (CDPHE) submits e-mail correspondence regarding Solar Ponds Plume (SPP) Construction Closeout Report. CDPHE can not approve the closeout as construction is an integral part of the current problems with the system.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000064.PDF 74 KB

I101-B-000065 11/10/1998

Transmits the Draft Conceptual Design Report for Solar Ponds Plume

Transmits the Draft Conceptual Design Report for the Solar Ponds Plume, July 1998

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000065.PDF 147 KB

I101-B-000066	7/1/1998
Draft Conceptual Design Report for the Solar Ponds Plume	
Draft Conceptual Design Report for the Solar Ponds Plume, July 1998. This report presents a conceptual design for phytoremediation of the Solar Ponds Plume, which was not finalized.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000066.pdf	5 MB
I101-B-000067	11/20/1998
Solar Ponds Plume DD Draft dated November 20, 1998	
Transmits the attached Solar Ponds Plume Decision Document (DD) Draft, Major Modifications to the Final Proposed Interim Measures / Interim Remedial Action (IM/IRA) DD for the Solar Evaporation Ponds (SEPs), Operable Unit OU04, 1992. This DD was prepared by Rocky Mountain Remediation Services, L.L.C. (RMRS), November 20, 1998.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000067.pdf	8 MB
I101-B-000068	10/26/1998
Summary of Phase I Analyses of Remedial Alternatives for the Solar Ponds Plume	
Transmits the enclosed Summary of Phase I Analyses of the Remedial Alternatives for the Solar Ponds Plume.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000068.PDF	1 MB
I101-B-000069	10/28/1998
Solar Ponds Plume DD, Draft October 1998	
Transmits the attached Solar Ponds Plume Decision Document (DD), Draft October 1998.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000069.pdf	8 MB
I101-B-000070	5/13/1999
SAP for Groundwater Investigations, Actinide Drilling, SPP Well Installations	
Transmits the enclosed Sampling and Analysis Plan (SAP) for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the Industrial Area VOC Plume East Boundary, and Solar Ponds Plume (SPP) Well Installations, Draft Final, Revision 0, May 13, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000070.pdf	9 MB
I101-B-000071	7/29/1999
Field modification of SPP IM/IRA change in construction	
Presents a field modification of the Solar Ponds Plume (SPP) Interim Measures / Interim Remedial Action (IM/IRA) change in the construction approach for the SPP project.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000071.PDF	119 KB
I101-B-000072	6/10/1999
SAP for Groundwater Investigations, Actinide Drilling, SPP Well Installations	

Transmits the Sampling and Analysis Plan (SAP) for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the Industrial Area VOC Plume East Boundary, and Solar Ponds Plume (SPP) Well Installations, Draft Final, Revision 0, June 10, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000072.PDF	84 KB
I101-B-000073	6/10/1999
SAP for Groundwater Investigations, Actinide Drilling, SPP Well Installations	
Sampling and Analysis Plan (SAP) for Groundwater Investigations Involving Actinide Drilling-Artifact Contamination, the Industrial Area VOC Plume East Boundary, and Solar Ponds Plume (SPP) Well Installations, Draft Final, Revision 0, June 10, 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000073.pdf	9 MB
I101-B-000074	8/5/1999
SPP Project History of Alternatives	
Transmits a brief description of the process used to develop a remedial alternative for the Solar Ponds Plume (SPP) titled SPP Project History of Alternatives.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000074.PDF	540 KB
I101-B-000075	10/7/1999
Draft ETP and SPP Closeout Reports Fiscal Year 1999	
Transmits the Draft East Trenches Plume Project (ETP), Closeout Report Fiscal Year 1999 and the Draft Solar Ponds Plume (SPP) Project Closeout Report Fiscal Year 1999.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000075.pdf	2 MB
I101-B-000076	4/30/2002
Submits revised Draft SPP DD Modification	
Submits the attached [000077] revised Draft Solar Ponds Plume (SPP) Decision Document (DD) Modification, April 29, 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000076.PDF	63 KB
I101-B-000077	4/29/2002
Revised Draft SPP DD Modification	
Draft Solar Ponds Plume (SPP) Decision Document (DD) Modification, April 29, 2002. This document is a minor modification (DOE 1999). The objective of this modification is to increase the amount of water treated by the treatment system, by installing a collection sump in the existing collection trench and pumping groundwater into the existing treatment cell.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000077.PDF	250 KB
I101-B-000078	5/15/2002
Forwards Draft SPP DD Modification	
Forwards the attached [000079] Draft Solar Ponds Plume (SPP) Decision Document (DD) Modification dated April 29, 2002 for review and comment. (Attachment DD is dated May 13, 2002)	

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000078.PDF	99 KB
I101-B-000079	5/13/2002
Draft SPP DD Modification, May 13, 2002	
Draft Solar Ponds Plume (SPP) Decision Document (DD) Modification, May 13, 2002	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000079.PDF	243 KB
I101-B-000080	12/29/1997
Response to comments on SAP and Well Installation on SPP	
Response to comments on the Sampling and Analysis Plan (SAP) for Groundwater Sampling and Well Installation on the Solar Ponds Plume (SPP) Area, December 29, 1997.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000080.PDF	210 KB
I101-B-000081	6/25/2002
Submits revised Final SPP DD Modification and Response to Comments	
Submits the attached [000082] revised Final Solar Ponds Plume (SPP) Decision Document (DD) Modification, June 25, 2002 with response to comments.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000081.PDF	66 KB
I101-B-000082	6/25/2002
Revised Final SPP DD Modification and Response to Comments	
Revised Final Solar Ponds Plume (SPP) Decision Document (DD) Modification, June 25, 2002 with response to comments.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000082.PDF	353 KB
I101-B-000083	7/3/2002
Forwards the SSP DD Modification	
Forwards the attached [000082] Final Solar Ponds Plume (SPP) Decision Document (DD) Notification and Response to Comments dated June 25, 2002.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000083.PDF	90 KB
I101-B-000084	7/18/2002
Purpose of Record: Piezometer Installation Downgradient of Solar Ponds Plume	
Contact Record: Discusses the installation of two piezometers at the Solar Ponds Plume Treatment System. One location is directly downgradient of the flow meter and the other location is directly downgradient of the treatment cell.	
http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000084.PDF	76 KB
I101-B-000085	7/12/2002
Approves minor modification to Final Solar Ponds Plume DD	

The Colorado Department of Public Health and Environment (CDPHE) approves the minor modification to the Final Solar Ponds Plume Decision Document (DD).

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000085.PDF 101 KB

I101-B-000086 9/30/1999

Completion of RFCA Milestones Fiscal Year 1999 M4 and M5

Provides documentation of the completion of Rocky Flats Cleanup Agreement (RFCA) Milestones Fiscal Year 1999 M4 and M5. The RFCA Milestone M4 states "Complete installation and operate remedial action described in decision document for Solar Pond Plume (N. Walnut Creek) by September 30, 1999. This installation work was completed September 22, 1999. The RFCA Milestone M5 states "Complete installation and operate remedial action described in decision document for East Trenches/903 Pad/Ryan's Pit/Mound Plume (S. Walnut Creek) by September 30, 1999. This installation work was completed by September 23, 1999.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000086.PDF 91 KB

I101-B-000087 2/1/1999

Nuclear Safety Technical Report: Safety Analysis for the SPP Project

This Nuclear Safety Technical Report (NSTR) has been prepared to assess the radiological and chemical hazards associated with the Solar Ponds Plume (SPP) Project.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000087.PDF 706 KB

I101-B-000088 3/28/2000

EPA comments re Solar Ponds Plume Project Closeout Report FY99

The US Environmental Protection Agency has reviewed the Solar Ponds Plume Project Closeout Report FY99 and has the following comments. In spite of its title, this report cannot actually closeout the SPP Project, since there are many unanswered questions, especially regarding the effectiveness of the system. A true closeout report for this project cannot be written until there are at least several months worth of data, from which some conclusions regarding the effectiveness of the collection trench and treatment system might be reached.

http://www.lm.doe.gov/cercla/documents/rockyflats_docs/I101/I101-B-000088.PDF 111 KB

I101-B-INFO 9/29/1999

Note to File: 4th Annual HRR Update - East Trenches Plume Project

Information Only Entry: Fourth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 1998 through August 1, 1999 Revision 0 - East Trenches Plume Project. The East Trenches Plume consists of groundwater contaminated with VOCs derived from the East Trenches Area and the 903 Pad. It was used between 1964 and 1967 for disposal of sanitary sewage sludge contaminated with low levels of Uranium (U) and Plutonium (Pu). Crushed drums and miscellaneous wastes were also disposed of in the East Trenches Area. A large plume of contaminated groundwater is located in the East Trenches area. The volatile organic concentrations in groundwater increased by more than two orders of magnitude after the groundwater passed through the former Trench locations IHSS 110 (Trench T-3) and IHSS 111.1 (Trench T-4) indicating that a major VOC source was present at this location. Continued remediation and monitoring of the collection and treatment system will be used to evaluate the subsurface conditions and the system's effectiveness. Recommendations will be made upon the evaluation of data collected in the future.

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I101-B-INFO	9/29/1999
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Note to File: 4th Annual HRR Update - Solor Ponds Plume Project

Information Only Entry: Fourth Annual Update to the Historical Release Report (HRR) for the Rocky Flats Plant (RFP): August 1, 1998 through August 1, 1999 Revision 0 - Solar Ponds Plume Project. Five Solar Evaporation Ponds (SEP) (PAC 000-101) located in the northeast corner of the Protected Area (PA) were used to store and evaporate radioactive and hazardous liquid wastes. A groundwater contaminant plume has been associated with potential leakage from the ponds resulting in nitrate and Uranium (U) contamination. The ponds were drained and sludge removal was completed in 1995. To de-eater the hillside north of the ponds, six interceptor trenches were installed in 1971. The original six trenches were abandoned in place and the current Interceptor Trench System (ITS) was installed in 1981. The ITS is generally keyed into bedrock and effectively collects most of the water, however, up to one third of the groundwater underflows the collection system, and eventually discharges to North Walnut Creek. On the average 2.4 million gallons of water are collected for the ITS each year. The water is pumped to the Modular Storage Tanks for storage and then pumped to Building 374 for evaporation. Current data indicates that the primary contaminant associated with the Solar Ponds Plume is nitrate. This data also indicates that the Uranium (U) in groundwater within the down-gradient portion of the plume is naturally occurring. The Solar Ponds Plume is currently being managed and treated according to the amended Interim Measures / Interim Remedial Action (IM/IRA). Recommendations will be made upon the evaluations of data collected in the future.

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