

NEW PROJECT REQUEST FORM

ES&H PROJECTS

For Data Reference Use Only

a. Facility Code

b. ADS Number

Activity Data Sheet (ADS) Identification Section

3. ADS Title: C-A Department Legacy Waste Disposition Project3a. ADS Area: (Select 1 only) ES&H Equally ES&H and Infrastructure or Program4. Data Sheet Status Code: (Select 1 only) Open Closed Discontinued Void

13. Contractor Division	<u>Collider Accelerator</u>	17. DOE Manager	<u>P. Kelly</u>
14. Contr. Department	<u>Collider Accelerator</u>	18. DOE Phone	<u>344-5784</u>
15. Contractor Manager	<u>Ray Karol</u>	Champion Email	<u>jscott@bnl.gov</u>
16. Contractor Phone	<u>344-7520</u>	Champion Pager	<u>344-4234</u>

ES&H ADS Functional Areas

20. ES&H Functional Area Breakdown (Attach additional pages if necessary)

See Web Site: <http://epweb.pe.bnl.gov/infrastructure/projects/projects.htm> for listing

Functional Area	Sub-Area	% Total Cost
E		100%

Percentage of costs attributable to: 21. Training 5% 22. Maintenance

ADS Type Section

23. ADS Type: (Select 1 only) Core Compliance Improvement

24. Drivers (Attach additional pages as necessary)

See Web Site: <http://epweb.pe.bnl.gov/infrastructure/projects/projects.htm> for listing

Driver Type	Driver Code	Primary? (Just One)	Driver Title
EMS Program	Other		Record of Decision, Environmental Management Review for C-AD, August 2001. See http://www.rhichome.bnl.gov/AGS/Accel/SND/EMS/EMRROD2001.pdf

25. Compliance Comments (Attach additional pages as necessary)

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26. ADS Description/Objective (Attach additional pages as necessary)

Provide a description of the activity. Include sufficient detail to allow a reader not previously knowledgeable of the activity to understand the activity's scope and what it is intended to accomplish.

The site-wide material disposition project provided a list of legacy wastes and characterizations of wastes. No funding has been provided to dispose of these items. This ADS includes four of the larger legacy items, lead, tankers, beam separators, SREL magnets. Attached are estimates for removal and disposition of these wastes by outside contractors in 2000. A total dollar amount for all four items is included, but a yearly amount equal to each separate item can be performed also.

27. ADS Appraisal/Justification (Attach additional pages as necessary)

Describe the risks/impact of not implementing or not continuing this activity and opportunities related to this activity. Discuss risks/benefits, if applicable, for Public Safety & Health, Site Personnel Safety & Health, Compliance, Mission Impact, Cost-effective Risk Management, and Environmental Impact. Describe any other significant impacts or considerations (e.g. cost avoidances, payback periods, etc.).

Benefit:

Removal of legacy waste items from C-A Department.
Reduce waste inventory and upkeep of storage areas.
Positive EMS goal.

Risk/Vulnerability:

EMS audit recommends disposal of legacy waste as funded.

Removal of legacy waste items will reduce the potential for release of radioactive materials and reduce tracking and inventory maintenance overhead.

Mitigating Actions:

Items are stored safely and contained in various manners.

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37. Resource Structure Code (RSC): (*Check One*)

<input type="checkbox"/>	LIN	Line Item – Infrastructure	<input type="checkbox"/>	GPP/LL	GPP – Landlord (Site GPP Fund)
<input checked="" type="checkbox"/>	LIE	Line Item – ES&H	<input type="checkbox"/>	GPP/KA	GPP – High Energy Physics Specific
<input type="checkbox"/>	AIP/KA	AIP – High Energy Physics Specific	<input type="checkbox"/>	GPP/KB	GPP – Nuclear Physics Specific
<input type="checkbox"/>	AIP/KB	AIP – Nuclear Physics Specific	<input type="checkbox"/>	GPP/KC	GPP – Basic Energy Sciences Specific
<input type="checkbox"/>	AIP/KC	AIP – BES Specific (Former ARAM)	<input type="checkbox"/>	GPP/KP	GPP – OBER Specific
<input type="checkbox"/>	OPER	Operating Funds – Special Maintenance or ES&H Program Support			
<input type="checkbox"/>	OPER/XX Department / Division Operating Funds (xx – 2 Digit Dept / Div. Code)				

(Note: If the ADS is funded from an allocable cost pool, provide B&R makeup.)

42. Activity Cost Estimate (x \$1,000)

43. FTE Requirements

For departmental funded projects indicate cost expectations by FY. For all other projects place project total cost in the unfunded field.

Fiscal Year	Estimated Implementation Costs in \$1,000				% ESH	FTEs (to two decimals)	
	Operating Expense (OE)	Capital Equipment (CE)	General Plant Project (GPP)	Line Item Project (LIP)		Federal	Contractor
Prior Year (PY) 1999							
Current Year (CY) 2000							
Budget Year (BY) 2001							
BY + 1 2002							
BY + 2 2003							
BY + 3 2004							
BY + 4 2005							
Unfunded* 2006	\$1,019.40						

*For Compliance activities with costs beyond BY + 4, enter total estimated cost to complete in the Unfunded row.

45. Cost Estimate Notes: (Provide information on estimate, source and date of estimate, if from an ILR give number, and whether or not engineering, project management, contingency and burden is included.)

Attached are estimates from outside contractors on 4 items to be disposed of. Estimates do not include project management, contingency and burden. If total funding can not be applied, funding for each individual item can be given over a period of time.

Full Disposal Option:

SREL magnet coils	\$ 205,260
C-A Lead Bricks	537,409
Beam Separators	103,310
Four Service Tankers	<u>150,248</u>
Total Full Disposal	<u>\$1,000,000</u>

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Separate Disposal of One Item/Year:

C-A Lead	\$ 537,409	year 1-4
SREL Magnets	205,260	year 1-4
Beam Separators	103,310	year 1-4
Four Service Tankers	150,248	year 1-4

Disposal of items separately should follow following priority due to potential risk:

1)	SREL Magnet Coils	\$ 205,260
2)	C-A Lead Bricks	537,409
3)	Four Service Tankers	150,248
4)	Beam Separators	130,310

Minimum Required Information for ESH Activity Data Sheets

The fields which have not been redlined on the ADS above are mandatory fields which must be completed following the instructions below. If information is known and you wish to utilize a redlined field, please input your data for transcription to the main database.

3. Provide a concise and descriptive project title.
- 3a. Indicate that this is an ESH ADS
13. Provide two letter Department/Division Code.
15. Provide name of the project champion for the activity.
16. Phone number of project champion.
17. Provide name of DOE-BHG counterpart manager for the activity.
18. Phone number of DOE-BHG counterpart.
20. Functional area addressed and percentage of each if more than one (i.e. radiation protection, industrial safety, environmental protection, etc.). Please note that percentages of functional areas addressed must equal 100%.
23. Indicate ADS type (Core, Compliance, Improvement, Other).
24. If compliance is chosen, a regulatory driver or DOE Order must be provided. If choice is not available in the draw down list, select other and provide specific driver in #25.
25. If compliance, discuss nature of current non-compliance briefly.
26. This section should be introduced by a summary of the proposed action and the issue being addressed not to exceed six typed lines. The summary should then be followed by a detailed description of the proposed activity and the issues to be addressed.
27. This section should be introduced by bullets which succinctly discuss the benefits of completing the proposed activity. This should also not exceed six typed lines. Following the bullets should be a discussion of the current risks, how the proposal will alleviate the risk and a separate discussion of ways that the risk will be mitigated until the proposal is funded, provided mitigative measures can be employed.
37. Provide the anticipated funding source for this activity from the table provided.

44. Insert into the table the anticipated costs associated with the project and the appropriate column related to where funding would be anticipated from. Program funded activities (i.e. KA, KB, KC) should be placed into the GPP column. All operating funded activities including department/division supported and special maintenance activities should be placed in the OE column. Any project that is currently unfunded pending a decision to be made outside of your organization should be placed in the year 2005 at this time.

45. A statement or supporting information should be provided on how the estimate was arrived at. It should also be indicated as to whether the activity could be phase funded over two or more years or if circumstances require completion within the same fiscal year.