



Department of Energy
Richland Operations Office
P.O. Box 550
Richland, Washington 99352

CERTIFIED MAIL

Ms. Sarah Washburn
Heart of America Northwest
1314 N.E. 56th Street Suite 100
Seattle, Washington 98105

SEP 14 2009

Dear Ms. Washburn:

FREEDOM OF INFORMATION ACT REQUEST (FOI 2009-0067)

You requested, pursuant to the Freedom of Information Act (FOIA), the following documents relating to:

1. "The authorization, decision to use, and actual use of any and all pesticides and herbicides anywhere within the Hanford Reach and/or the 100 and 300 Areas of the Hanford Nuclear Site (river corridor) in the past 5 years and for the next 3 years."
2. "The names, amounts, and methods of application of any pesticides and herbicides used anywhere within the Hanford Reach and/or the 100 and 300 Areas of the Hanford Nuclear Site (river corridor) in the past 5 years and for the next 3 years."
3. "Any correspondence between the USDOE and the Washington Department of Ecology concerning the authorization and use of such pesticides and herbicides."
4. "Any correspondence between the USDOE and the U.S. Fish and Wildlife Service concerning the authorization and use of such pesticides and herbicides."
5. "Any correspondence between the USDOE and the National Marine Fisheries Service (NOAA Fisheries) concerning the authorization and use of such pesticides and herbicides."

This is a partial response to your request and enclosed are documents responsive to both items 1 and 2 of your request. We continue to search and review documents responsive to your request. As you may know, the FOIA provides that an agency respond to requests within twenty working days. However, the FOIA permits an agency to extend the time limit to respond to a request in certain circumstances. These circumstances include the need to collect records from other locations, review large number of records, and consult with other offices. Due to the large amount of information requested, additional time will be needed to review the documents. We will notify you when our search and review is complete.

Ms. Sarah Washburn

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SEP 14 2009

If you have any questions regarding your request, please contact me at our address above or on (509) 376-6288.

Sincerely,

A handwritten signature in black ink, appearing to read "Dorothy Riehle", with a long, sweeping underline that extends to the left.

Dorothy Riehle
Freedom of Information Act Officer
Office of Communications
and External Affairs

OCE:DCR

Enclosures

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application – Year: 09 Month: 08 Day: 10 Time: IN: 9:00 OUT: 9:30

2. Name of person for whom the pesticide was applied: Kelly Bana

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell James Cutsforth

4. Application site Hanford Area, Location: 300 over 328

5. Area Treated: Spot treatment

6. Type of Application made: BFB Crack & Crevice

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Cy Kick</u>		<u>.25 oz.</u>	

Miscellaneous Information:

Door ways
Transformers

24.3203

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 08 Day: 6 Time: IN: 4:30 OUT: 8:00

2. Name of person for whom the pesticide was applied: Greg Dixon

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100B M0474

5. Area Treated: 2520 sq ft 20160^{3ft}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>10 oz.</u>	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 08 Day: 6 Time: IN: 2:30 OUT: 8:00

2. Name of person for whom the pesticide was applied: Greg Dixon

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 B MO 875 FE + C Trailer

5. Area Treated: 1440² ft 11520³ ft

6. Type of Application made: cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>5.76</u>	3%

Miscellaneous Information:

24x60 1440²

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 08 Day: 06 Time: IN: 4:30 OUT: 9:00

2. Name of person for whom the pesticide was applied: Greg Dixon

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100B MO 876 RCT Trailer

5. Area Treated: 1440^{sq ft} 11520^{sq ft}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>5.76</u>	3%

Miscellaneous Information:

24x60

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 08 Day: 06 Time: IN: 4:30 OUT: 8:00

2. Name of person for whom the pesticide was applied: Greg Dixon

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100B MD 877 Restroom Trailer

5. Area Treated: 300 sq ft 2400^{3 ft}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>1.2 oz</u>	3%

Miscellaneous Information:

12x25

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 08 Day: 06 Time: IN: 4:30 OUT: 8:00

2. Name of person for whom the pesticide was applied: Greg Dixon

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100B MO 878

5. Area Treated: 400 sq ft 3200 sq ft

6. Type of Application made: cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>1.6 oz.</u>	3%

Miscellaneous Information:

10 x 40 Change trailers

Spray water hydant
Spray Monitrene
Spray Pemphe

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application - Year: 09 Month: 08 Day: 5 Time: IN: 8:30 OUT: _____

2. Name of person for whom the pesticide was applied: Steve Arambini

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100W 105N Sub station Run

5. Area Treated: 32000^{sq}

6. Type of Application made: See for Thermo fog

7. Type of Pest Being Treated: Wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Pyronyl</u>		<u>12g</u>	

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 08 Day: 4 Time: IN: 2:30 OUT: 3:00

2. Name of person for whom the pesticide was applied: Bill Allenbaugh

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1000 water tower

5. Area Treated: Spot treatment

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	<u>203</u>	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 08 Day: 4 Time: IN: 2:00 OUT: 2:30

2. Name of person for whom the pesticide was applied: Dale Thornton

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100B water tower

5. Area Treated: Spot treatment - light fixtures

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Wasps

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	9444-175	<u>2 g.</u>	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 01 Day: 01 Time: IN: 8:00 OUT: 8:30

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100N 1119

5. Area Treated: 18577^{sq ft}

6. Type of Application made: Cool Fog

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>9.28 g</u>	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 31 Time: IN: 3:00 OUT: 4:00

2. Name of person for whom the pesticide was applied: Steve Demuis

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300FF 1M0246

5. Area Treated: 14784 ^{3ft}

6. Type of Application made: _____

7. Type of Pest Being Treated: _____

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>7,39g</u>	3%

Miscellaneous Information:

1848 sq ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 31 Time: IN: 3:00 OUT: 4:00

2. Name of person for whom the pesticide was applied: Steve Demaria

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300 FF m0984

5. Area Treated: 11200 ^{3ft}

6. Type of Application made: _____

7. Type of Pest Being Treated: _____

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>5.6 g</u>	3%

Miscellaneous Information:

1400 Sq ft

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 31 Time: IN: 3:00 OUT: 4:00

2. Name of person for whom the pesticide was applied: Steve Demais

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300FF M0059

5. Area Treated: 12672^{3ft}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>6.3 g.</u>	3%

Miscellaneous Information:

1584^{2ft}

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 07 Day: 31 Time: IN: 3:00 OUT: 4:00

2. Name of person for whom the pesticide was applied: Steve Demaris

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300FF M0986

5. Area Treated: Spot Spray around doors -

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	9444-175	<u>3 g.</u>	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 31 Time: IN: 3:00 OUT: 4:00

2. Name of person for whom the pesticide was applied: Rob Vaek

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300FF CTA TENT

5. Area Treated: Spot treatment

6. Type of Application made: B+G Crack + Crevice

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	<u>.25g.</u>	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 08 Day: 01 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: Bill Allenbauer

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 D CTA 81

5. Area Treated: Crack + Grout

6. Type of Application made: B+G Sprayer

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	<u>.25 g.</u>	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application – Year: 09 Month: 08 Day: 01 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: Keith Maki

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1604 Tent

5. Area Treated: _____

6. Type of Application made: B+G

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	<u>125 oz</u>	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 30 Time: IN: 4:30 OUT: 6:00pm

2. Name of person for whom the pesticide was applied: Keith Mahi

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100H M0798 RCT Trunk

5. Area Treated: 13440^{3ft}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>6.723</u>	3%

Miscellaneous Information:

28x60

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 07 Day: 30 Time: IN: 4:30 OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Kiute Maki

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100H 1M0797 Resdum Trailer

5. Area Treated: 8960 ^{3ft}

6. Type of Application made: Coed Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>4.48</u>	3%

Miscellaneous Information:

28x40

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 30 Time: IN: 4:30 OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Keith Maki

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 N M0796 FE+C Trailer

5. Area Treated: 14336 ^{sq ft}

6. Type of Application made: Coled Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>7.16 g</u>	3%

Miscellaneous Information:

28 x 64 = 1792

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 30 Time: IN: 8:00 OUT: 9:00

2. Name of person for whom the pesticide was applied: Don Elkins

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300 area mo271

5. Area Treated: 1664^{2ft} 13312^{3ft}

6. Type of Application made: Cool Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>6.65oz</u>	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 30 Time: IN: 8:00 OUT: 9:00

2. Name of person for whom the pesticide was applied: Dan Elkins

3. Name of person who applied the pesticide: James Cutsforth Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300 area MD270

5. Area Treated: 1664 ^{2ft} 13312 ^{3ft}

6. Type of Application made: Cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>6.65g</u>	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 30 Time: IN: 8:00 OUT: 8:30

2. Name of person for whom the pesticide was applied: Don Elkins

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300 area 10061

5. Area Treated: 1120^{25'} 8960^{50'}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>4.48 g</u>	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application – Year: 09 Month: 07 Day: 30 Time: IN: 4:30 OUT: 6:00

2. Name of person for whom the pesticide was applied: Keith Maki

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1004 M0229

5. Area Treated: 3696^{2sq} 29568^{3ft}

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>14.7 g.</u>	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 27 Time: IN: 9:50 OUT: 10:30

2. Name of person for whom the pesticide was applied: Guy Banks & Mike Flansburg

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100N

5. Area Treated: Spot treatment

6. Type of Application made: Aerial + B+G

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	<u>.5 g.</u>	0.5%/CU.FT
CY-KICK CS	499-304	<u>.5 oz</u>	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

*Thank you for Guy Banks
Shop Entrance for Jerry Tall
Equipment for Mike Flansburg
2 Cat lads, Bobcat, trucks & Tank lifts*

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 27 Time: IN: 10:30 OUT: 10:40

2. Name of person for whom the pesticide was applied: Greg Dixon

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 B CTA

5. Area Treated: Spot treatment

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	<u>.5 oz.</u>	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

Wasp nest in Box of Can Linnis
Weggen Beer in ground next to FE+C Trailer

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 07 Day: 27 Time: IN: 9:30 OUT: 10:00

2. Name of person for whom the pesticide was applied: Doug Bowers

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1004 MOZZA

5. Area Treated: Spot treatment

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	<u>2 oz</u>	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

Wasp nest in hole on SS of mozza
Wasp nest in Unistrut on SW corner of mozza

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 16 Time: IN: 4:30 OUT: 7:45

2. Name of person for whom the pesticide was applied: Bill Allenbaugh

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 D D2 Tent

5. Area Treated: _____

6. Type of Application made: B+G

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	<u>.5 oz.</u>	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 16 Time: IN: 4:30 OUT: 5:00

2. Name of person for whom the pesticide was applied: Bill Allenbaugh

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1000 CTA TENT 2

5. Area Treated: _____

6. Type of Application made: Thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CUFT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>10 oz</u>	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 16 Time: IN: 5:30 OUT: 6:00

2. Name of person for whom the pesticide was applied: Mark Buckmaster

3. Name of person who applied the pesticide: James Cutsforth Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1000 M0980

5. Area Treated: 1848 sq ft 14784 3 ft

6. Type of Application made: cool fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>7.39 g</u>	3%

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 07 Day: 16 Time: IN: 5:00 OUT: 5:30

2. Name of person for whom the pesticide was applied: Merk Walden

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1000 M0790

5. Area Treated: 11520 sq ft

6. Type of Application made: Cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>5.76 oz.</u>	3%

Miscellaneous Information:

1440 sq ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 09 Time: IN: 3:30 OUT: 4:00

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 W MO 809

5. Area Treated: 11520 ~~sq~~

6. Type of Application made: cold fog

7. Type of Pest Being Treated: spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>5.76 g.</u>	3%

Miscellaneous Information:

$$24 \times 60 = 1440 \times 8 = 11520$$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 07 Time: IN: 2:45 OUT: 3:00

2. Name of person for whom the pesticide was applied: Mack Wilson

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 1001 CTA RCT-Shippers Shore

5. Area Treated: 768 cu ft

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	<u>.3 g</u>	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

8 x 12 x 8 768^{3ft}

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 07 Day: 09 Time: IN: 2:00 OUT: 2:30

2. Name of person for whom the pesticide was applied: Brett Klinetobe / Shane Bigham

3. Name of person who applied the pesticide: James Cutsforth Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100K MD 755

5. Area Treated: 14144 3ft

6. Type of Application made: Call Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>7g</u>	3%

Miscellaneous Information:

1768 sq ft x 8

14144 ÷ 1000 x .5 = 7g

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 06 Day: 26 Time: IN: 6:00 OUT: 6:05

2. Name of person for whom the pesticide was applied: Mike Garga

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 300 Area HO 64 6385

5. Area Treated: 1280³ ft

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>.6</u>	3%

Miscellaneous Information:

$$8 \times 20 \times 8 = 1280 = .6 \text{ g.}$$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 06 Day: 26 Time: IN: 4:00 OUT: 5:30

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 W 110802

5. Area Treated: 7392 3 ft

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CUFT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>3.5 g</u>	3%

Miscellaneous Information:

14x66 x 8

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 06 Day: 26 Time: IN: 4:00 OUT: 5:30

2. Name of person for whom the pesticide was applied: Jim Lamb

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100W 170 427

5. Area Treated: 1920³ ft

6. Type of Application made: Coed Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>.96 g</u>	3%

Miscellaneous Information:

8 x 30

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 06 Day: 26 Time: IN: 4:00 OUT: 5:30

2. Name of person for whom the pesticide was applied: Jim Lamb

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100N 4064-3548

5. Area Treated: 3136^{3ft}

6. Type of Application made: Ceiled Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>1.56 oz</u>	3%

Miscellaneous Information:

14x 28 x 8

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 06 Day: 26 Time: IN: 3:00 OUT: 4:00 pm

2. Name of person for whom the pesticide was applied: Jeremy Hulquist

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100W 181N

5. Area Treated: 38400³ ft

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CUFT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>16 g.</u>	3%

Miscellaneous Information:

$$60 \times 40 \times 16 = 38400$$

$$384$$

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 06 Day: 18 Time: IN: 3:30 OUT: 4:00

2. Name of person for whom the pesticide was applied: Don Perry

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100W 1902 NB

5. Area Treated: 6400 cu ft

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>3.2 oz</u>	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 06 Day: 18 Time: IN: 2:30 OUT: 3:30

2. Name of person for whom the pesticide was applied: Shane Darrow

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100N 184N

5. Area Treated: 300,000 cu ft

6. Type of Application made: thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>100 g.</u>	3%

Miscellaneous Information:

$100 \times 100 \times 15 = 150,000 \text{ cu ft}$
 $100 \times 100 \times 15 = 150,000 \text{ }^3\text{ft}$
 $300,000 \text{ }^3\text{ft}$
 $300,000 \div 1000 = 300 \times 5 = 150 \text{ g}$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 06 Day: 11 Time: IN: 4:00 OUT: 4:30

2. Name of person for whom the pesticide was applied: Robert Zimmerman

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 M0870

5. Area Treated: Crack + crevice treatment Inside + out

6. Type of Application made: B + G

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU/FT
CY-KICK CS	499-304	<u>4 oz.</u>	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	_____	3%

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 06 Day: 11 Time: IN: 4:30 OUT: 5:30

2. Name of person for whom the pesticide was applied: Nancy Bower

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 D M0786 SEC

5. Area Treated: $14336 \div 1000 = 14.33 \times 0.5\% = 7.16 \text{ g.}$

6. Type of Application made: Cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>7g</u>	3%

Miscellaneous Information:

$1792 \times 8 = \text{cu ft}$

$\frac{\text{cu ft}}{1000} \times .5 = \text{g.}$

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 06 Day: 11 Time: IN: 4:30 OUT: 6:00

2. Name of person for whom the pesticide was applied: Mark Walden

3. Name of person who applied the pesticide: James Cutsforth, Mike Darnell, Brett Klinetobe

4. Application site Hanford Area, Location: 100 D M0790

5. Area Treated: 11520 ÷ 1000 = 11.52 = 5g

6. Type of Application made: Cred Fog

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Phronyl	655-501	<u>5g</u>	3%

Miscellaneous Information:

1440 x 8

cu ft
1000 x .5

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 05 Day: 01 Time: IN: 6:00 OUT: 7:00

2. Name of person for whom the pesticide was applied: _____

3. Name of person who applied the pesticide: _____

4. Application site Hanford Area, Location: 100N MD 415 1103

5. Area Treated: _____

6. Type of Application made: _____

7. Type of Pest Being Treated: _____

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>59g</u>	3%

Miscellaneous Information:

$$14784 \text{ }^2\text{ft} \times 8 = 118272 = 59\text{oz}$$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 05 Day: 01 Time: IN: 5:30 OUT: 6:00

2. Name of person for whom the pesticide was applied: Mike Flannery

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: 100N MO100

5. Area Treated: _____

6. Type of Application made: _____

7. Type of Pest Being Treated: _____

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>4.34</u>	3%

Miscellaneous Information:

8694 cu ft = 4.34 g

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 09 Month: 05 Day: 07 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: _____

3. Name of person who applied the pesticide: _____

4. Application site Hanford Area, Location: MO 427 100N

5. Area Treated: _____

6. Type of Application made: _____

7. Type of Pest Being Treated: _____

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>1.65 oz</u>	3%

Miscellaneous Information:

3307 cu ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 05 Day: 07 Time: IN: 3:00 OUT: 3:30

2. Name of person for whom the pesticide was applied: Mike Flannery

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: 100 W 10765 City Center HO

5. Area Treated: 3200 sq ft

6. Type of Application made: cold fog

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>16 oz</u>	3%

Miscellaneous Information:

$10 \times 40 \times 8 = 3200 \text{ cu ft}$

Washington closure Hanford

PESTICIDE APPLICATION RECORD

2620 Fermi Richland Washington 99352

1. Date of Application - Year: 09 Month: 4 Day: 9 Time: IN: 3:20 OUT: _____

2. Name of person for whom the pesticide was applied: Rob

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell J. [unclear]

4. Application site Hanford Area, Location: 300 FF TENT

5. Area Treated: 45360

6. Type of Application made: Thermos Fog

7. Type of Pest Being Treated: WAsps

8. Pesticide Information.

$$30' \times 18' \times 84' = 45360 \div 1000 = 45.36 \times .5 = 22.68 \text{ oz}$$

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>BP 300</u>		<u>16 g.</u>	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Weather - Rainy overcast - gust to 16

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year 09 Month: 05 Day: 08 Time: IN: 12:30 OUT: _____

2. Name of person for whom the pesticide was applied: Arenie Gudman

3. Name of person who applied the pesticide: J. Wetsch

4. Application site Hanford Area, Location: 300 Area #0646385

5. Area Treated: 10 x 32 x 8 2560 ^{3ft}

6. Type of Application made: Creed Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	<u>1.5g</u>	1.0% RTU

Miscellaneous Information:

$$\begin{array}{r} 320 \\ 8 \\ \hline 2560 \end{array}$$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 05 Day: 01 Time: IN: 4:30 OUT: 5:00 pm

2. Name of person for whom the pesticide was applied: Mike Flannery

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: 100N 1119
3 ft

5. Area Treated: 18577 cuft

6. Type of Application made: Cold Fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>9.2 g</u>	3%

Miscellaneous Information:

18577 cuft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: 05 Day: 01 Time: IN: 4:00 OUT: 4:30 pm

2. Name of person for whom the pesticide was applied: Mike Flannery

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: 100 W Chg. Trailer 107
H064-5865

5. Area Treated: 2048 sq ft

6. Type of Application made: cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>1 oz</u>	3%

Miscellaneous Information:

8 x 32 x 8 = 2048 1 oz

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application - Year: 09 Month: 3 Day: 20 Time: IN: 2:30 OUT: 3:15

2. Name of person for whom the pesticide was applied: Keith Maki

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell J Cutler th

4. Application site Hanford Area, Location: 100 H Water trailer mo 229
CT 0023 Roof Units

5. Area Treated: Spot treatment

6. Type of Application made: Aircoil

7. Type of Pest Being Treated: Paper Wasps

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	<u>9444-175</u>		

Miscellaneous Information:

M0607

154 ϕ x 70ft

77
77
54

24
5

10 ϕ

25
25

21
7.6

Game Area 100N

H 100

- Shaper Shrub
- Ho Tower
- Water tower

ERDF

Sprayed CT0023 100N
roof vents

Sprayed water tower for 229
Wrap mat on both ~~ends~~

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 09 Month: March Day: 20 Time: IN: 3:30 OUT: _____

2. Name of person for whom the pesticide was applied: Jake Laws

3. Name of person who applied the pesticide: J Cutsforth

4. Application site Hanford Area, Location: ERDF Crawl Space M0617

5. Area Treated: 154 L x 70 W x 2 H = 21560

6. Type of Application made: Cold fog

7. Type of Pest Being Treated: Black widow spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

10.78 oz.

.5% cu ft

Miscellaneous Information:

Wind gusting to 15 mph -
Seal up vents

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application – Year: 09 Month: JAN Day: 29 Time: IN: 3:30 OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Keith Maki / Greg Gothard

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100 H MOTRAL FEHC POD
Travis

5. Area Treated: 14336³ ft.

6. Type of Application made: Mico gen ULLV

7. Type of Pest Being Treated: WASPS

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Prentox Pyronyl Oil Concentrate OR-3610A</u>	<u>655-501</u>	<u>7oz</u>	<u>full strength</u>

Miscellaneous Information:

$$28 \times 64 \times 8 = 14336 / 1000 = 14.33 \times .5 = 7.168 \text{ oz}$$

ERC ANIMAL CONTROL OPERATIONS (ERC A.C.O.)

**PEST INSECT PRE TREATMENT INSPECTION
(INTERIOR)**

Date 1/29/09

Fire system activation. Smoke Heat *wone*

Penetrations in walls, ceilings. Yes No X *lifted ceiling tiles to get product into crawl space attic*

Sensitive areas checked:

Kitchen? N/A *Had to cover water cooler*
Eating and drinking utensils? *utensils*
Food? *walk around for food*
Potable water containers?
Lab equipment? N/A

Building occupants notified prior to treatment? yes

Building occupants briefed on hazards of material? Supplied MSDS.

Building occupants provided with MSDS sheet? yes

Building vacant of occupants? yes

Windows closed? yes

Ventilation turned off? no

Comments:

Lift ceiling panels to get coverage in attic.

Tech. Initials JMC

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 10 Day: 9 Time: IN: 4:30 OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Coanie Kau

3. Name of person who applied the pesticide: Jantsforth

4. Application site Hanford Area, Location: 300 area MO 767

5. Area Treated: 2904³ ft.

6. Type of Application made: Cold fog Space Spray

7. Type of Pest Being Treated: Spidies

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>1.45 g</u>	3%

Miscellaneous Information:

363 sq ft x 8 = 2904

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 10 Day: 9 Time: IN: 4:30 OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Connie Krull

3. Name of person who applied the pesticide: J Cutler

4. Application site Hanford Area, Location: 300 area MOZTO

5. Area Treated: 13312³ ft

6. Type of Application made: Cold fog space spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CUFT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>6.6 oz</u>	3%

Miscellaneous Information:

1664 sq ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 10 Day: 9 Time: IN: 4:30 OUT: 6:00

2. Name of person for whom the pesticide was applied: Connie Krull

3. Name of person who applied the pesticide: J cutforth

4. Application site Hanford Area, Location: 300 area mo 271

5. Area Treated: 13312³ ft

6. Type of Application made: cold fog Space Spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>6.6 oz</u>	3%

Miscellaneous Information:

1664 sq ft

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 10 Day: 9 Time: IN: 4:30 OUT: 5:00 pm
2. Name of person for whom the pesticide was applied: Connie Krull
3. Name of person who applied the pesticide: Jutsforth
4. Application site Hanford Area, Location: 300 area MO 274
5. Area Treated: 13312³ ft
6. Type of Application made: Cold fog Space Spray
7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>6.6 g</u>	3%

Miscellaneous Information:

1664 sq ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 10 Day: 9 Time: IN: 4:30 OUT: 5:00 pm

2. Name of person for whom the pesticide was applied: Cennie Krull

3. Name of person who applied the pesticide: Jantsfortu

4. Application site Hanford Area, Location: 300 area MO 275

5. Area Treated: 13312³ ft

6. Type of Application made: cold fog Space Spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>6.6 oz</u>	3%

Miscellaneous Information:

$1664 = 13312$
 $1664 \times 8 ft = 13312^3$

$\frac{1}{2} oz per 1000^3 ft$

Washington closure Hanford
 PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 09 Day: 18 Time: IN: 8:00 OUT: _____

2. Name of person for whom the pesticide was applied: Jeremy Bulzant

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell J Autshub

4. Application site Hanford Area, Location: 100 W 107

5. Area Treated: 166 474³ ft

6. Type of Application made: Thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Pyronyl Oil</u>	<u>655-581</u>	<u>60oz</u>	<u>3%</u>

Miscellaneous Information:

46 x 47 x 77 = 166 474³
66

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 09 Day: 17 Time: IN: 2:16 OUT: _____

2. Name of person for whom the pesticide was applied: Cornie Kavel

3. Name of person who applied the pesticide: J Custafork

4. Application site Hanford Area, Location: 100k m0755

5. Area Treated: 14144³ ft

6. Type of Application made: Spore Spray

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Pyronyl Oil Concentrate 655-501 7 oz. 390

Miscellaneous Information:

1768² ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 10 Day: 3 Time: IN: 7:00 OUT: _____

2. Name of person for whom the pesticide was applied: Bob Lewis

3. Name of person who applied the pesticide: J Cutsforth

4. Application site Hanford Area, Location: 100W 1119

5. Area Treated: 18577 cu ft

6. Type of Application made: Spray

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>9.28</u>	3%

Miscellaneous Information:

9.28 g.

$$\frac{18577}{1000} \times .5 = 9.28$$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 09 Day: 24 Time: IN: 11:30 OUT: 12:00

2. Name of person for whom the pesticide was applied: Bill Walker

3. Name of person who applied the pesticide: J. Cutsforth

4. Application site Hanford Area, Location: 100W ENW pump station

5. Area Treated: 24,000 sq ft

6. Type of Application made: Cold fog

7. Type of Pest Being Treated: Spiders, WASPS

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>12 oz</u>	3%

Miscellaneous Information:

40 x 25 x 15 = 15000 7.5 g
20 x 45 x 10 = 9000 4.5 g

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 09 Day: 30 Time: IN: 400 OUT: 430

2. Name of person for whom the pesticide was applied: Ren Morris

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell J. Johnson

4. Application site Hanford Area, Location: 1000 CTA Tent

5. Area Treated: 27000³ ft

6. Type of Application made: Cool fog

7. Type of Pest Being Treated: Wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Pyronyl Oil</u>	<u>655-501</u>	<u>13590</u>	<u>3%</u>

Miscellaneous Information:

$30 \times 50 \times 18 = 27000 \text{ cu ft}$
 13.5g

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 09 Day: 24 Time: IN: 12:00 OUT: 12:30

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: J. Cutsforth

4. Application site Hanford Area, Location: 100W 181W pump rider station

5. Area Treated: 26460

6. Type of Application made: cold fog

7. Type of Pest Being Treated: Spiders wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>13g</u>	3%

Miscellaneous Information:

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 10 Day: 1 Time: IN: 3:45 OUT: 4:00

2. Name of person for whom the pesticide was applied: Greg Gothard

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell *J cutforth*

4. Application site Hanford Area, Location: 1004 mo 799

5. Area Treated: 3200³ ft

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Wasp

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80</u>	<u>9444-175</u>	<u>9 sec</u>	<u>570 a ft</u>

Miscellaneous Information:

$10 \times 40 \times 8 = 3200$

$3.2 \times 3 \text{ secs} = 9 \text{ seconds}$

Wasps - 3 seconds per 1000 cu ft

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 09 Day: 24 Time: IN: 11:00 OUT: 11:05

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: J Cutsforth

4. Application site Hanford Area, Location: 100N 117 WUH Vault

5. Area Treated: 1086³

6. Type of Application made: Thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU
Prentox Pyronyl	655-501	<u>.5 g.</u>	3%

Miscellaneous Information:

6 ft x 12 ft x 15 ft deep

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 09 Day: 17 Time: IN: 3:00 OUT: 3:15

2. Name of person for whom the pesticide was applied: Brett Kluitabe

3. Name of person who applied the pesticide: JW Cutsforth

4. Application site Hanford Area, Location: 100B m0474

5. Area Treated: 16285

6. Type of Application made: Micron Gen Spore Spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

8oz

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 08 Day: 20 Time: IN: 1105 OUT: _____

2. Name of person for whom the pesticide was applied: Bill White

3. Name of person who applied the pesticide: Jane Culbath

4. Application site Hanford Area, Location: 100N 107 Annex

5. Area Treated: 8280³ ft

6. Type of Application made: Space spray thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	<u>4g</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

$23 \times 18 \times 20 = 8280^3 \text{ ft}$

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 08 Day: 14 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: Bill Walker

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100W 1103

5. Area Treated: _____

6. Type of Application made: Space Spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD 3P 300</u>	<u>499-450</u>	<u>739</u> <u>54 oz</u>	
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information: _____

Washington closure Hanford

PESTICIDE APPLICATION RECORD

2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 08 Day: 14 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100N MO 100

5. Area Treated: _____

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80</u>	<u>9444-175</u>	<u>6.2 g</u>	

Miscellaneous Information:

2m .53 seconds

Washington closure Hanford
 PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 08 Day: 14 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100 N M0765

5. Area Treated: 3200 Cu ft

6. Type of Application made: Space spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80</u>	<u>9444-175</u>	<u>16 oz.</u>	

Miscellaneous Information:

$$10\text{ ft} \times 40 \times 8\text{ ft} = 3200 \text{ cu ft}$$

16 oz

CB 80 20 secs per 1000 sq ft

60 secs.

373 2745

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 08 Day: 12 Time: IN: _____ OUT: _____

2. Name of person for whom the pesticide was applied: Bill Wahlen

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100N 181

5. Area Treated: 34560 ³ft

6. Type of Application made: space spray fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULDBP-300</u>	<u>499-450</u>	<u>11 g</u>	<u>19%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information: _____

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 07 Day: 30 Time: IN: 2:00 OUT: 2:15

2. Name of person for whom the pesticide was applied: Stacie Johnson

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100W 107

5. Area Treated: _____

6. Type of Application made: Thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BB300</u>	<u>499-450</u>	<u>10 oz</u>	_____
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information: _____

Washington closure Hanford

PESTICIDE APPLICATION RECORD

2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 07 Day: 30 Time: IN: 4:00 OUT: 4:30

2. Name of person for whom the pesticide was applied: Stacie Johnson

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100N 182W

5. Area Treated: 355600³ ft

6. Type of Application made: thermo fog Space Spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>96 g.</u>	

Miscellaneous Information:

$$120' \times 120' \times 12 = 172800$$

$$172800$$

$$355600$$

$$177.8 \text{ g.}$$

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 30 Time: IN: 5:00 OUT: 5:15

2. Name of person for whom the pesticide was applied: Ron Morris

3. Name of person who applied the pesticide: James Cutforth

4. Application site Hanford Area, Location: 100W Reisdal Gd CTA Tent

5. Area Treated: 30,000 sq ft

6. Type of Application made: Thermo fog Space Spray

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	<u>10 g</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

50 x 30 x 20

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 24 Time: IN: 4:30 OUT: _____

2. Name of person for whom the pesticide was applied: Roger Fox

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100N 1143 Mechanics shop

5. Area Treated: 19,000 ³ft.

6. Type of Application made: Micr Space Spray Cold fog

7. Type of Pest Being Treated: spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULI BP 300</u>	<u>499-450</u>	<u>9 oz</u>	<u>5%</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information: _____

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 07 Day: 24 Time: IN: 4:00 OUT: 4:30

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: James Cutforth

4. Application site Hanford Area, Location: 100N 105

5. Area Treated: 280,000³ ft

6. Type of Application made: Thermo fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	<u>64 g</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

200 x 100 x 14 = 280,000
140 g -

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 24 Time: IN: 7:00 OUT: 4:05

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100 W 105
Water shed, Hot water tank

5. Area Treated: 800 cu ft 200 cu ft

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB80</u>	<u>9444-175</u>	<u>2 oz.</u>	<u>.59% a/f</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Washington closure Hanford
 PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 24 Time: IN: 7:00 OUT: 7:30

2. Name of person for whom the pesticide was applied: Chris Beach

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 1000 mo 786 SEC

5. Area Treated: 14560

6. Type of Application made: Space Spray (ULV) ^{cold fog} Microgen fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP - 300</u>	<u>499-450</u>	<u>7.28 oz.</u>	<u>.5</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

$28 \times 65 \times 8 = 14560$

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 07 Day: 24 Time: IN: 7:00 OUT: 7:30pm

2. Name of person for whom the pesticide was applied: Chris Beach

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell James Cutshaw

4. Application site Hanford Area, Location: 1000 M0986

5. Area Treated: 12436

6. Type of Application made: Space Spray (ULV) Microgen

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>6.21</u>	<u>1.5%</u>

Miscellaneous Information:

Washington closure Hanford

PESTICIDE APPLICATION RECORD

2620 Fermi Richland Washington 99352

1. Date of Application -- Year: 08 Month: 07 Day: 24 Time: IN: 7:00 OUT: 7:30 pm

2. Name of person for whom the pesticide was applied: Chris Beach

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 100D m0790

5. Area Treated: 11520 cu ft.

6. Type of Application made: Space Spray (ULV) Miaruzel Cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>5.76 oz</u>	<u>.5%</u>

Miscellaneous Information:

24 x 60 x 8 = 11520³ ft

27
28
10
65

35
22
4

Washington closure Hanford
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application – Year: 08 Month: 07 Day: 24 Time: IN: 7:00 OUT: 7:30

2. Name of person for whom the pesticide was applied: Chris Beech

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell James Cutsforth

4. Application site Hanford Area, Location: 100D M0787 Bathroom

5. Area Treated: 8960³ ft

6. Type of Application made: Fog Space Spray (ULV) Cold fog

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULDBP-300</u>	<u>499-450</u>	<u>5 oz.</u>	<u>.5%</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

$28 \times 40 \times 8 = 8960$

HAS Smoke detectors

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 24 Time: IN: 7:00 OUT: 7:30 PM

2. Name of person for whom the pesticide was applied: Chris Beach STR

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell James Cutsforth

4. Application site Hanford Area, Location: 1000 mo 789 Pod

5. Area Treated: 14560 cu ft

6. Type of Application made: Micr Gen Cold fog Spare Spray (ULV)

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>7.28</u>	<u>.5%</u>
_____	_____	_____	_____
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

28 x 65 x 8 = 14560

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 18 Time: IN: 7:00 OUT: _____

2. Name of person for whom the pesticide was applied: Cindy Jones

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: 100N 1120

5. Area Treated: 94500 cu ft.

6. Type of Application made: Fogger

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ELD BP-300</u>	499-450	<u>4202</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 07 Day: 18 Time: IN: 7:00 OUT: _____

2. Name of person for whom the pesticide was applied: Michelle Coy

3. Name of person who applied the pesticide: _____

4. Application site Hanford Area, Location: 100 N 808/807

5. Area Treated: 38368 cu. ft

6. Type of Application made: Micro gen

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	499-450	<u>16 oz</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

(808) 62 x 48 x 8' 23808
 (807) 65 x 28 x 8' 14560
38368

12-14

Washington closure Hanford PESTICIDE APPLICATION RECORD 2620 Fermi Richland Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 18 Time: IN: 11:00 OUT: 11:15

2. Name of person for whom the pesticide was applied: Jini Lamb

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell James Cutsforth

4. Application site Hanford Area, Location: 100N Carpenter Shop 1143

5. Area Treated: 38868³ whole building 1/2 19434³ Carpenter

6. Type of Application made: micro gen

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>WLD BP-300</u>	<u>499-450</u>	<u>10 oz.</u>	<u>.590</u>

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 07 Day: 18 Time: IN: 7:00 OUT: _____

2. Name of person for whom the pesticide was applied: Michelle Coq

3. Name of person who applied the pesticide: _____

4. Application site Hanford Area, Location: 100N mo 807

5. Area Treated: _____

6. Type of Application made: _____

7. Type of Pest Being Treated: Spiders

8. Pesticide Information

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ELD BP-300</u>	499-450	<u>13 oz</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information: _____

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 07 Day: 18 Time: IN: 7:00 OUT: _____

2. Name of person for whom the pesticide was applied: Michelle Coy

3. Name of person who applied the pesticide: _____

4. Application site Hanford Area, Location: 100 N M0806

5. Area Treated: 31248 Cu ft

6. Type of Application made: Mico gen

7. Type of Pest Being Treated: Spider

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CUFT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	499-450	<u>1 lb</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

$62 \times 56 \times 9' = 31248$

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 06 Day: 26 Time: IN: 4:00 OUT: _____

2. Name of person for whom the pesticide was applied: Jeff Clary
727-8637

3. Name of person who applied the pesticide: _____

4. Application site Hanford Area, Location: 300 Area 308 Office Area

5. Area Treated: 66x35x10 23,100 cu ft

6. Type of Application made: Microgen

7. Type of Pest Being Treated: Spiders + Ants

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	499-450	<u>6 oz.</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 07 Day: 08 Time: IN: 2125 OUT: 2130

2. Name of person for whom the pesticide was applied: April Johnson

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: 1604 Redwood Rd.

5. Area Treated: shed 10x10

6. Type of Application made: Cereal -

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 08 Month: 06 Day: 10 Time: IN: 7:30 OUT: 7:35 am

2. Name of person for whom the pesticide was applied: Jimi Williams

3. Name of person who applied the pesticide:

4. Application site Hanford Area, Location: Dodge Durango

5. Area Treated: 96 sq ft 480 cu ft.

6. Type of Application made: Aerosol

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 08 Month: 6 Day: 5 Time: IN: 4:00 OUT: _____

2. Name of person for whom the pesticide was applied: Nancy Bower

3. Name of person who applied the pesticide: J. Cutsforth

4. Application site Hanford Area, Location: 618-7 300 FF2 Shopper Trucks
M0632

5. Area Treated: 8x16

6. Type of Application made: Aerial

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application – Year: 07 Month: 08 Day: 18 Time: IN: 2:00pm OUT: 2:10pm

2. Name of person for whom the pesticide was applied: Claudia Torres

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100K

5. Area Treated: 2 convexes (ext.) N. of M0 750 (mechanics)

6. Type of Application made: band spray / CRC

7. Type of Pest Being Treated: Spiders & OGI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CY-KICK CS</u>	<u>499-304</u>	<u>30 lbs.</u>	<u>0.10%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 08 Day: 18 Time: IN: 2:30pm OUT: 2:35pm

2. Name of person for whom the pesticide was applied: Mike Caldwell

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: 1712-N interior

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: Spiders & OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>4.0 oz</u>	<u>0.5%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

16,000 ft³ = 8.0 max

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 08 Day: 19 Time: IN: 12:30pm OUT: 12:40pm

2. Name of person for whom the pesticide was applied: Mike Caldwell

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 11-N + 13-N

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>11-N CB-80 Extra</u>	<u>499 9444-105</u>	<u>4.5 ozs</u>	<u>0.5% / 1000 ft³</u>
<u>13-N CB-80 Extra</u>	<u>9444-105</u>	<u>4.5 ozs</u>	<u>0.5% / 1000 ft³</u>

Miscellaneous Information:

$$\begin{matrix} 11-N \\ 13-N \end{matrix} (ea) = 6,400 \text{ ft}^3 = 4.5 \text{ oz} = 2 \text{ min. } 8 \text{ sec}$$

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 08 Day: 24 ~~25~~ ^{ms} Time: IN: 12:40pm OUT: 1:15pm

2. Name of person for whom the pesticide was applied: Mike Peloguin

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100-N

5. Area Treated: 1330 Waste pad

6. Type of Application made: band spray / OVC

7. Type of Pest Being Treated: spiders & oet

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CY-KICK CS</u>	<u>499-304</u>	<u>1 gal.</u>	<u>0.10%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 08 Day: 27 Time: IN: 7:10am OUT: 7:30am

2. Name of person for whom the pesticide was applied: Connie Galbreath

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100-N

5. Area Treated: int. of 1723N warehouse

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>32^{oz}</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

264,000 ft³ = 132.02 max. used 32^{oz}

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 08 Day: 27 Time: IN: 11:45^{am} OUT: 12:30^{pm}

2. Name of person for whom the pesticide was applied: Connie Galbreath

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100-N

5. Area Treated: interior + exterior (doors) of 1120N

6. Type of Application made: band spray / CTC

7. Type of Pest Being Treated: spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CYKICK CS</u>	<u>499-304</u>	<u>2 gts.</u>	<u>0.10%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 10 Day: 06 Time: IN: ^{10:20am}~~10:30am~~ OUT: 10:30am

2. Name of person for whom the pesticide was applied: Nolan Draper

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: asbestos enclosures at 108N/109N

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: Spiders + OGI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>15ozs.</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

50,000 ft³ = 25 ozs max, use 15 ozs.

Bechtel Hanford, Inc. Facilities Operations
 PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 11 Day: 18 Time: IN: 2:15 PM
OUT: 2:45 PM

2. Name of person for whom the pesticide was applied: Rick Kerkow

3. Name of person who applied the pesticide: Michael Darnell

4. Application site Hanford Area, Location: 100N Cribbs

5. Area Treated: Inside Frisk tent (thermal fog) 2 change tents (volum,

6. Type of Application made: thermal fog / volumetric

7. Type of Pest Being Treated: spiders + oCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
^{20x20} tents CB-80 Extra	9441-15	4oz (2oz ea)	0.5% / 1000 ft ³
ULD BP 300	499-450	16ozs	0.50%
_____	_____	_____	_____

Miscellaneous Information:

$46,400 \text{ ft}^3 = 23.2 \text{ ozs}$, use 16ozs ULD BP-300

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 11 Day: 19 Time: 1:00 PM IN
1:15 PM OUT

2. Name of person for whom the pesticide was applied: Brett Klinefelter

3. Name of person who applied the pesticide: Michael Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 1723N warehouse

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & OOI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>UCLD BP 300</u>	<u>499-452</u>	<u>32 ozs</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

264,000 ft³ = 1320z, use 32 ozs.

Bechtel Hanford, Inc. Facilities Operations
 PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 04 Month: 10 Day: 25 Time: 4:15^{IN}pm 5:15^{OUT}pm

2. Name of person for whom the pesticide was applied: Connie Galbreath/Ron Belden

3. Name of person who applied the pesticide: Michael Darnell

4. Application site Hanford Area, Location: 100B

5. Area Treated: interior MO 474, MO 760, MO 761

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: spiders + OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
MO 474 <u>CB-80 Extra</u>	<u>9444-175</u>	<u>11.6 oz</u>	<u>0.5%/1000 ft³</u>
MO 760 <u>CB-80 Extra</u>	<u>9444-175</u>	<u>10.5 oz</u>	<u>0.5%/1000 ft³</u>
MO 761 <u>CB-80 Extra</u>	<u>9444-175</u>	<u>10.5 oz</u>	<u>0.5%/1000 ft³</u>

Miscellaneous Information:

MO 474 = 16,285 ft³ = 6 min. 25 sec

MO 760 = 14,700 ft³ = 4 min. 9 sec.

MO 761 = 14,700 ft³ = 4 min. 9 sec.

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 02 Day: 02 Time: IN: 3:45 pm OUT: 3:50 pm

2. Name of person for whom the pesticide was applied: Brett Klinetobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100B

5. Area Treated: interior of MO 761

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: spiders + oet

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>9444-175</u>	<u>10.5 oz</u>	<u>0.5% / 1000 ft³</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

14,700 ft³ = 4 min. 9 sec

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 03 Day: 10 Time: IN: 2:30pm OUT: 2:50pm

2. Name of person for whom the pesticide was applied: Nolan Draper

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 108 Bldg - 100N

5. Area Treated: interior of 108N S. End of powerhouse

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & OAT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>52 oz</u>	<u>0.5%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

$$105,000 \text{ ft}^3 = 52.5 \text{ ozs}$$

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 03 Day: 14 Time: IN: 3:25pm OUT: 3:30pm

2. Name of person for whom the pesticide was applied: Earl Prichard

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 300 Area

5. Area Treated: Electrician supply trailer (EPA semi)

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders & oCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB80 Extra</u>	<u>9444-175</u>	<u>2.8 ozs</u>	<u>0.5% / 1000 ft³</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

4,000 ft³ = 1 min. 20 sec = 2,800 ft³.

Bechtel Hanford, Inc. Facilities Operations PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 04 Day: 04 Time: IN: 12:15 pm OUT: 12:30 pm

2. Name of person for whom the pesticide was applied: Don Eckert

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior 181N, 181NB, 181NC

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: Spiders & OCF

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>181NC - CB 80 Extra</u>	<u>9444-175</u>	<u>0.75 ozs</u>	<u>0.5%/1000 ft³</u>
<u>181N - ULD BP 300</u>	<u>499-450</u>	<u>9.30 ozs</u>	<u>0.5%</u>
<u>181NB - ULD BP 300</u>	<u>499-450</u>	<u>5.20 ozs</u>	<u>0.5%</u>

Miscellaneous Information:

181NC = 1,050 ft³ = 21 sec. = 0.75 ozs CB-80 Extra
 181N = 18,750 ft³ = 9.30 ozs ULD BP 300
 181NB = 10,500 ft³ = 5.20 ozs ULD BP 300

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 03 Day: 17 Time: IN: 3:00pm OUT: 3:02pm

2. Name of person for whom the pesticide was applied: Brett Klinetobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: inside of MO-013 - Irene Strong's office

6. Type of Application made: Bait station

7. Type of Pest Being Treated: LBA5

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Fluor Guard</u>	<u>1812-348-279</u>	<u>1 Bait (.07oz)</u>	<u>0.5% RTU</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 04 Day: 08 Time: IN: 3:30pm OUT: 4:30pm

2. Name of person for whom the pesticide was applied: Brett Klinetobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100F

5. Area Treated: interior + exterior of Mo 417

6. Type of Application made: interior - volumetric, exterior bandspray, etc

7. Type of Pest Being Treated: Spiders + oei

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>999444-15</u>	<u>8 ozs</u>	<u>0.5% / 1000ft³</u>
<u>CY Kick CS</u>	<u>499-304</u>	<u>8 ozs.</u>	<u>0.10%</u>

Miscellaneous Information:

11,200ft³ = 8.0 ozs = 3 min. 44 sec, CB-80 Extra

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 04 Day: 08 Time: IN: 10:00am OUT: 10:05am

2. Name of person for whom the pesticide was applied: Brett Klinetobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100 D

5. Area Treated: interior of mo 561

6. Type of Application made: voluntary

7. Type of Pest Being Treated: Spiders & OOI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>9444-17</u>	<u>9.6 ozs</u>	<u>0.5% / 100 ft³</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

13,440 ft³ = 9.6 ozs = 4 min, 28 sec, CB-80 Extra

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 04 Day: 19 Time: IN: 12:45pm OUT: 1:00pm

2. Name of person for whom the pesticide was applied: Brett Kline tobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 1723N warehouse

6. Type of Application made: bait station

7. Type of Pest Being Treated: L.B.A.s

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Fluor Guard</u>	<u>1812-348-279</u>	<u>3 baits @ .07oz</u>	<u>0.5% RTU</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

**Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD**
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 05 Day: 17 Time: IN: 8:05 AM OUT: 8:50 AM

2. Name of person for whom the pesticide was applied: Don Eckert

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 105B

5. Area Treated: inside of 105B reactor

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: Spiders + OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>64025</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

$1,000,000 + f^3 = 3.9 \text{ gal max.}$
use 64025

**Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD**
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 05 Day: 219 Time: IN: 3:30 pm OUT: 3:45 pm

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100 K Dig Site

5. Area Treated: exteri interior of survey tent

6. Type of Application made: band spray / c+c

7. Type of Pest Being Treated: spiders + oot

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CyKick C8</u>	<u>499-304</u>	<u>16 ozs.</u>	<u>0.10%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 06 Day: 06 Time: IN: 9:15am OUT: 9:35am

2. Name of person for whom the pesticide was applied: Nolan Draper

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: 184N interior

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>32ozs</u>	<u>0.5%</u>

Miscellaneous Information:

$100 \times 100 \times 30 = 300,000 \text{ ft}^3 = 150 \text{ ozs ULD BP 300}$
use $\frac{60}{75} \times 32 = 256 \text{ ozs}$

Bechtel Hanford, Inc. Facilities Operations PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 6 Day: 23 Time: IN: 3:30 pm OUT: 4:50 pm

2. Name of person for whom the pesticide was applied: Dave Baker

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: 107N (supervisor trlr, lunch trlr, change trlr, RCT trlr, Count trlr, outhouse)

6. Type of Application made: Volumetric-CB-80, band spray C&C - Cy Kick CS

7. Type of Pest Being Treated: Spiders & OET

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>9444-175</u>	<u>0.8 oz / trlr (5) 1.4 oz - out house 5.4 oz total</u>	<u>0.5% / 1000 ft³</u>
<u>Cy Kick CS</u>	<u>499-304</u>	<u>110 ozs</u>	<u>0.10%</u>

Miscellaneous Information:

(5) 1200 ft³ / trailer = 24 sec = 0.8 ozs

(1) 2000 ft³ / out house = 40 sec = 1.4 ozs

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 07 Day: 01 Time: IN: 8:30 am OUT: 8:45 am

2. Name of person for whom the pesticide was applied: Brett Klinetobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior 1723N Warehouse

6. Type of Application made: Thermal Fog

7. Type of Pest Being Treated: Spiders & oei

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>32 ozs.</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

264,000 ft³ = 132 ozs - use 32 ozs. ULD BP 300

Bechtel Hanford, Inc. Facilities Operations PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application – Year: 05 Month: 08 Day: 03 Time: IN: 3:00pm OUT: 3:30pm

2. Name of person for whom the pesticide was applied: Jon Faucher

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: Lower survey Tent, N-cribs, main survey tent, N-cribs

5. Area Treated: interior of tents

6. Type of Application made: Volametric (lower tent) thermal fog (main tent)

7. Type of Pest Being Treated: Spiders + oCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>9444-175</u>	<u>18 0.6 ozs</u>	<u>0.5%/1000 ft³</u>
<u>ULD BP 300</u>	<u>499-450</u>	<u>23.2 oz</u>	<u>0.5%</u>

Miscellaneous Information:

$15 \times 10 \times 6 = 900 \text{ ft}^3 = 18 \text{ sec} = 0.6 \text{ ozs (lower tent) CB-80}$
 $46,400 \text{ ft}^3 = 23.2 \text{ oz ULD BP 300 (main tent)}$

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 08 Day: 15 Time: IN: 3:24pm OUT: 3:30pm

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100K Dig Site

5. Area Treated: inside of Frisk tent

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & ocl

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>15.4 ozs</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

30,940 ft³ = 15.4 ozs ULD BP 300

Bechtel Hanford, Inc. Facilities Operations
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 05 Month: 08 Day: 15 Time: IN: 4:25pm OUT: 4:30pm

2. Name of person for whom the pesticide was applied: Claudia Torres

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 300FF2, 300FF1 - MO059
MO905

5. Area Treated: inside of frisk tent, exteriors MO059
 MO905

6. Type of Application made: thermal fog (tent), band etc MO059
 MO905

7. Type of Pest Being Treated: spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP300</u>	<u>499-450</u>	<u>15.4ozs</u>	<u>0.50%</u>
<u>CyKick CS</u>	<u>499-304</u>	<u>16ozs</u>	<u>0.10%</u>

Miscellaneous Information:

30,940 Ft³ = 15.4ozs. ULD BP 300

MO059 - 8ozs }
 MO905 - 8ozs } CyKick CS

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD**
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 06 Month: 6 Day: 15 Time: IN: 1:10pm OUT: 1:30pm

2. Name of person for whom the pesticide was applied: Brett Klinetobe / Don Eckert

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: 1705, 1706 & connecting offices

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & oet

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>15.0 oz</u>	<u>.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

30,940 ft³ = 15.4 oz → used 15.0 oz,

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 06 Month: 06 Day: 14 Time: IN: 4:45pm OUT: 8:00p.m.

2. Name of person for whom the pesticide was applied: Brett Klinetobe

3. Name of person who applied the pesticide: Brett Klinetobe or Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of Mo 055 (1114N)

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + oCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>9444-175</u>	<u>18 ozs.</u>	<u>0.5%/1000ft³</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

25,638 ft³ = 8 min. 32 sec = 18 ozs. CB-80 Extra

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 3 Day: 19 Time: IN: 11:15 am OUT: 11:50 am

2. Name of person for whom the pesticide was applied: Dean Humphrys

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100B

5. Area Treated: interior of "B" museum

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>6802</u>	<u>0.50%</u>

Miscellaneous Information:

$1,000,000 \text{ ft}^3 = 3.9 \text{ gal max}$
 use 6802s.

Washington closure Hanford
PESTICIDE APPLICATION RECORD
2620 Fermi Richland Washington 99352

1. Date of Application - Year: 07 Month: 04 Day: 30 Time: IN: 9:15 am OUT: 9:15 am

2. Name of person for whom the pesticide was applied: Corey Wente / Kevin Haggerty

3. Name of person who applied the pesticide: Brett Klinetobe, Mike Darnell

4. Application site Hanford Area, Location: 300 Area

5. Area Treated: 3261 (w. of pump station 382)

6. Type of Application made: granular

7. Type of Pest Being Treated: ~~carpenter~~ harvester ants

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>Max Force</u>	<u>64248-6</u>	<u>102.</u>	<u>1.0% - FTU</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Washington Closure Hanford - Building Services
 PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 06 Day: 8 Time: IN: 7:00^{AM} OUT: 7:35^{AM}

2. Name of person for whom the pesticide was applied: Mike Clancy

3. Name of person who applied the pesticide: Mike Darnell, Brett Klimtobe

4. Application site Hanford Area, Location: 100K Dig Site

5. Area Treated: interior of MOS

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB80 Extra</u>	<u>9444-175</u>	<u>see below</u>	<u>0.5%/1000ft³</u>

Miscellaneous Information:

	<u>ft³</u>	<u>time</u>	<u>ozs</u>	
<u>MO 751</u>	<u>2,352</u>	<u>47s.</u>	<u>1.68</u>	
<u>MO 754</u>	<u>4,704</u>	<u>1m.34s.</u>	<u>3.36</u>	<u>Locked</u>
<u>MO 753</u>	<u>2,800</u>	<u>56s.</u>	<u>2</u>	<u>Locked</u>
<u>MO 775</u>	<u>4,704</u>	<u>1m.34s.</u>	<u>3.36</u>	

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 06 Day: 08 Time: IN: 7:00am OUT: 7:20am

2. Name of person for whom the pesticide was applied: ~~M^{rs} Michelle Coy~~ Mike Clancy

3. Name of person who applied the pesticide: Mike Darnell, Brett Klinefeker

4. Application site Hanford Area, Location: 100K Dig Site

5. Area Treated: interior of MOS

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders & OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>see below</u>	<u>0.50%</u>

Miscellaneous Information:

MO 750 ^{FF3} 10,080 ^{02.} 5.2 used → 5.0 oz MO 750

MO 755 12,376 6.1 used → 5.5 oz MO 755

~~MO 774 10,080 5.2 locked~~

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 6 Day: 4 Time: IN: 4:30^{pm} OUT: 5:00^{pm}

2. Name of person for whom the pesticide was applied: Bill Walker

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: 1119N

6. Type of Application made: volumetric

7. Type of Pest Being Treated: spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB80 Extra</u>	<u>9444-175</u>	<u>13.0 oz</u>	<u>RTU</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

18,577 ft³ = 13.2 oz

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 06 Day: 26 Time: IN: 4:30pm OUT: 4:34pm

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 1119N

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>9.0 oz</u>	<u>0.50% / 1000 ft²</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

18,577 ft² = 9.2 oz ULD BP300

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD**
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 06 Day: 26 Time: IN: 4:50 pm OUT: 4:53 pm

2. Name of person for whom the pesticide was applied: Darryl Schilperoot

3. Name of person who applied the pesticide: Mike Darney

4. Application site Hanford Area, Location: 100K

5. Area Treated: interior of no 767

6. Type of Application made: volumetric

7. Type of Pest Being Treated: Spiders & ocl

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB-80 Extra</u>	<u>9444-175</u>	<u>1.8 oz</u>	<u>0.5% / 1000 ft³</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

2,541 ft³ = 1.8 oz^s CB-80

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 06 Day: 8 Time: IN: 7:45^{Am} OUT: 8:00^{Am}

2. Name of person for whom the pesticide was applied: Michelle Coy

3. Name of person who applied the pesticide: Mike Darnell, Brett Klimtobe

4. Application site Hanford Area, Location: 100K

5. Area Treated: interior of MU 054

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders & OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>12.9 oz</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 10 Day: 25 Time: IN: 4:40pm OUT: 4:45pm
2. Name of person for whom the pesticide was applied: Shane Bigham
3. Name of person who applied the pesticide: Mike Darvell
4. Application site Hanford Area, Location: 100 DDR
5. Area Treated: interior of Mo 790
6. Type of Application made: microgen
7. Type of Pest Being Treated: Spiders + oei
8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>4 oz.</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

8,060 ft³

Washington closure Hanford
 PESTICIDE APPLICATION RECORD
 2620 Fermi Richland Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 06 Time: IN: 1:20 pm OUT: 1:30 pm

2. Name of person for whom the pesticide was applied: Jonetta Everano

3. Name of person who applied the pesticide: Brett Klinetobe Mike Darnell

4. Application site Hanford Area, Location: 100K Dig Site

5. Area Treated: interior of frisk tent

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>13.2</u> 20 <u>23.2 oz</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____
Miscellaneous Information: _____			

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 14 Time: IN: 6:10 PM OUT: 6:20 PM

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100 DDR

5. Area Treated: interior of MO 980

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>6 oz</u>	<u>0.5%</u>

Miscellaneous Information:

12,936 ft³ = 6.4 oz used 6 oz.

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 14 Time: IN: 5:50 pm OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100 DDR

5. Area Treated: MO 790 - interior

6. Type of Application made: volumetric

7. Type of Pest Being Treated: Spiders & OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP 300</u>	<u>499-450</u>	<u>4oz</u>	<u>0.50%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:

$8060 \text{ ft}^3 = 402, \text{ used } 402.$

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD

3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 14 Time: IN: 5:45 pm OUT: 6:00 pm

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: Interior 1120N

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>1802</u>	<u>0.5%</u>

Miscellaneous Information:

94,500 ft² = 3202 used 1802

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 14 Time: IN: 4:40pm OUT: 4:45p.
2. Name of person for whom the pesticide was applied: Dale Thornton
3. Name of person who applied the pesticide: Mike Darnell
4. Application site Hanford Area, Location: 100B
5. Area Treated: interior of MO474-B
6. Type of Application made: Volu metric
7. Type of Pest Being Treated: Spiders & OCI
8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>ULD BP-300</u>	<u>499-450</u>	<u>50ZS</u>	<u>0.15%</u>
_____	_____	_____	_____
_____	_____	_____	_____

Miscellaneous Information:
16285 ft³ = 80ZS used 50ZS

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
3070 George Washington Way Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 14 Time: IN: 5:10pm OUT: 5:15pm

2. Name of person for whom the pesticide was applied: Bill Wahler

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 1119N

6. Type of Application made: volumetric

7. Type of Pest Being Treated: spiders + OCF

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>UCD BP-300</u>	<u>499-450</u>	<u>6.502</u>	<u>0.5%</u>

Miscellaneous Information:

18577 ft³ = 9.2802 used 6.502

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 08 Day: 16 Time: IN: 6:20pm OUT: 6:30pm

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: Mila Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of Mo 803

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	9444-175	<u>2 OZS</u>	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

4,000 ft³ = 2,000 OZS

used 2.0 OZS

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 08 Day: 16 Time: IN: 6:10pm OUT: 6:15pm
2. Name of person for whom the pesticide was applied: Steve Hamblin
3. Name of person who applied the pesticide: Mika Darnell
4. Application site Hanford Area, Location: 100N
5. Area Treated: interior of Mo 801
6. Type of Application made: volumetric
7. Type of Pest Being Treated: Spiders & OCI
8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	<u>9444-175</u>	<u>3.5025</u>	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

$7,392 \text{ ft}^3 = 3.69025$

used 3.5025

Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 16 Time: IN: 4:50pm OUT: 5:40pm

2. Name of person for whom the pesticide was applied: Steve Hamblin

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 109N

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>88 OZS.</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

$225,000 \text{ ft}^3 = 112.5 \text{ OZS.}$
 $150 \times 75 \times 20$

USE @ 88 OZS.

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD**

2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 08 Day: 29 Time: IN: 1:10 pm OUT: 1:30 pm
2. Name of person for whom the pesticide was applied: Mike Darnell Ted Leone
3. Name of person who applied the pesticide: Mike Darnell
4. Application site Hanford Area, Location: 100B
5. Area Treated: substation vaults - 151B
6. Type of Application made: thermal fog
7. Type of Pest Being Treated: spiders & OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>4.0 OZ</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

$8000ft^3 = 4.0 oz$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 09 Day: 06 Time: IN: 12:25pm OUT: 4:25pm

2. Name of person for whom the pesticide was applied: Ted Leone

3. Name of person who applied the pesticide: Mike Darvell

4. Application site Hanford Area, Location: 300 Area

5. Area Treated: Interior of 3614-A

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: Spiders + OCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	<u>9444-175</u>	<u>0.802</u>	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

$700 \text{ ft}^3 = 0.8025$

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 09 Day: 13 Time: IN: 10:00am OUT: 10:05am

2. Name of person for whom the pesticide was applied: Kevin Kirk

3. Name of person who applied the pesticide: Jim Cutsforth

4. Application site Hanford Area, Location: 100 K Digs

5. Area Treated: (2) conex boxes

6. Type of Application made: Volumetric

7. Type of Pest Being Treated: spiders & oet

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
<u>CB 80 EXTRA</u>	<u>9444-175</u>	<u>1.09 OZS x 2 CONXS</u> <u>= 2.19 OZS</u>	<u>0.5%/CU.FT</u>
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

1,536 Ft³ (ea) = 30 sec (ea)
= 1.09 OZS (ea)

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 09 Day: 13 Time: IN: 1:45pm OUT: 2:15pm

2. Name of person for whom the pesticide was applied: Stace Johnson

3. Name of person who applied the pesticide: Jim Cutsforth

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of ~~#542~~ 184N

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: Spiders + OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>600oz.</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

240,000 ft³ = 1200oz use 600oz

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 09 Day: 19 Time: IN: 1:35pm OUT: 1:40pm

2. Name of person for whom the pesticide was applied: Stace Johnson

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of 107N

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders + oei

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	499-450	<u>8 ozs</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD**

2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 09 Day: 28 Time: IN: 6:45am OUT: 7:00am

2. Name of person for whom the pesticide was applied: Dave Mohr

3. Name of person who applied the pesticide: Jim Cutsforth

4. Application site Hanford Area, Location: 200W - ERDF

5. Area Treated: interior of shop

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: Spiders + acI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>15.025.</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

31,500 ft³ = 15,502⁵ used 15025,

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 09 Day: 28 Time: IN: 8:15 am OUT: 9:00 am

2. Name of person for whom the pesticide was applied: Connie Knull

3. Name of person who applied the pesticide: Mike Darned

4. Application site Hanford Area, Location: 100N

5. Area Treated: interior of MD425/426 IH/lab

6. Type of Application made: band spray / c+c

7. Type of Pest Being Treated: spiders + DCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
<u>CY-KICK CS</u>	<u>499-304</u>	<u>32 ozs</u>	<u>0.10%</u>
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 10 Day: 17 Time: IN: 8:00 am OUT: 8:30 am

2. Name of person for whom the pesticide was applied: Jerome Wonders

3. Name of person who applied the pesticide: Jim Catsforth

4. Application site Hanford Area, Location: 100 F Reload

5. Area Treated: Generator Units in Que Reload (4)

6. Type of Application made: Vapona strips

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	_____	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Vapona strips 5481-338-36208 4 strips

Miscellaneous Information:

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 10 Day: 18 Time: IN: 3:30 OUT: 4:00 p.m.

2. Name of person for whom the pesticide was applied: Jimi Lamb

3. Name of person who applied the pesticide: Jim Cutsforth

4. Application site Hanford Area, Location: 100W 1143N Carpenter Shop /
Mechanic Shop

5. Area Treated: 3263 sq ft

6. Type of Application made: Thermofogger

7. Type of Pest Being Treated: Spiders

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5% CU.FT
CY-KICK CS	499-304	_____	0.10%
ULD BP-300	499-450	<u>12 OZ.</u>	0.50%
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

Washington Closure Hanford - Building Services
 PESTICIDE APPLICATION RECORD
 2620 Fermi Richland, Washington 99352

1. Date of Application - Year: 07 Month: 10 Day: 25 Time: IN: 5:30pm OUT: 5:55pm
2. Name of person for whom the pesticide was applied: Jonetta Everam
3. Name of person who applied the pesticide: Mike Darnell
4. Application site Hanford Area, Location: 100 K Digs
5. Area Treated: interior of MO 755
6. Type of Application made: Micro-gen
7. Type of Pest Being Treated: Spiders & OCT
8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175		0.5% CU.FT
CY-KICK CS	499-304		0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>6.0 ozs</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496		0.011% RTU
MAX FORCE	64248-6		1.0% RTU

Miscellaneous Information:

12,614-73

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 10 Day: 25 Time: IN: 4:00pm OUT: 4:10pm

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: DDR

5. Area Treated: interior of DDR frisk tent

6. Type of Application made: thermal fog

7. Type of Pest Being Treated: spiders & ocr

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>10.0 ozs</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

26,000 ft³

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 10 Day: 25 Time: IN: 4:30pm OUT: 4:35pm

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100 DDR

5. Area Treated: interior of MO 186 (SEC)

6. Type of Application made: ~~volumetric~~^{yo} microgen

7. Type of Pest Being Treated: spiders + oet

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>6.0 ozs</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

12,544 ft³

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 10 Day: 25 Time: IN: 4:50pm OUT: 4:55pm

2. Name of person for whom the pesticide was applied: Shane Bigham

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: 100 DDP

5. Area Treated: interior of MO 980

6. Type of Application made: micro-gen

7. Type of Pest Being Treated: spiders & oCI

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>ULD BP-300</u>	<u>499-450</u>	<u>6.0 OZ</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

12,936 ft³

**Washington Closure Hanford - Building Services
PESTICIDE APPLICATION RECORD
2620 Fermi Richland, Washington 99352**

1. Date of Application - Year: 07 Month: 10 Day: 25 Time: IN: 5:30pm OUT: 5:35pm

2. Name of person for whom the pesticide was applied: Jonetta Everano

3. Name of person who applied the pesticide: Mike Darnell

4. Application site Hanford Area, Location: ~~interior of M0750~~ ^{YM} 100K Digs

5. Area Treated: interior of M0750

6. Type of Application made: microgen

7. Type of Pest Being Treated: Spiders + OCT

8. Pesticide Information.

Product Name	EPA Reg. NO.	Total Amount of Pesticide Applied In Area Treated	Concentration Applied
CB 80 EXTRA	9444-175	_____	0.5%/CU.FT
CY-KICK CS	499-304	_____	0.10%
<u>CULD BP-300</u>	<u>499-450</u>	<u>4025</u>	<u>0.50%</u>
ADVANCE DUAL CHOICE	499-496	_____	0.011% RTU
MAX FORCE	64248-6	_____	1.0% RTU

Miscellaneous Information:

~~1352~~ ^{YM}
9,464 Ft³

RECEIVED Robot 8.0



WASHINGTON CLOSURE HANFORD
WORK ORDER

AUG 19 2009

WCH - DOCUMENT CONTROL

Title: Pesticide Applications Support		Work Order No.: MS1013	Supplement No.: 0
Performing OHC: MSA	OHC Point of Contact: Robin Holloman	Phone: 376-1911	MSIN: H7-23
Issuing WCH Organization: D4 - SM&U	WCH Originator: A. Johnson / Chad Dobre	Phone: 372-9064	MSIN: H4-21 H4-10
Authorized Funding: 50,000.00	Performance Period: 8/24/09-9/30/10	Fiscal Year: 2010	Code of Accounts:
Supplemental Work Order? Reason: H100 WS2220	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Current Fiscal Year Authorized: 50,000.00 <input type="checkbox"/> Supplement: <input checked="" type="checkbox"/> Total Authorized: 50,000.00		

WCH REVIEW	Assess	Concurrence	Print	Signature	Date	Phone & MSIN
Quality Assurance	X		DAVID R. BYERS	<i>[Signature]</i>	8/5/09	377-3237 MSIN: N3-01
Safety & Health	X		KENNETH D. JENKINS	<i>[Signature]</i>	8-10-09	372-9262 MSIN: H4-25
Engineering Services	X		WIM KOEGLER	<i>[Signature]</i>	8/10/09	378-9007 MSIN: L7-11
Environmental		X				
Project (Field Operations)	X		STEVE DIETERLE	<i>[Signature]</i>	8/10/09	308-6982 MSIN: N3-10
Others		X				
Others		X				
Project Controls	X		RYAN H. ARMATROUT	<i>[Signature]</i>	8/10/09	372-0227 MSIN: L7-11
Procurement & Property	X		DENNIS H. HOUSTON	<i>[Signature]</i>	8/10/09	375-4670 MSIN: H4-17
Controller	X		MARSHA TRAU	<i>[Signature]</i>	8/10/09	372-9377 MSIN: H4-19

WCH APPROVAL

Print Name: STEVEN E. DIETERLE	Signature: <i>[Signature]</i>	Date: 8/10/09	Phone & MSIN: 308-6982/N3-10
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OHC ACCEPTANCE

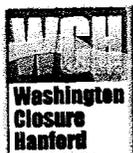
Print Name: Robin Holloman	Signature: <i>[Signature]</i>	Date: 8/11/09	Phone & MSIN: 6-1911
-------------------------------	----------------------------------	------------------	-------------------------

OHC: Please return this signed work order within TEN working days to WCH - Document Control, MSIN: H4-10

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.
NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

CACH 401184

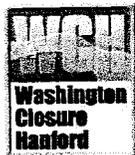
Cobra



WASHINGTON CLOSURE HANFORD WORK ORDER

Title: Pesticide Applications Support		Work Order No.: MS1013	Supplement No.: 0
Performing OHC: MSA	OHC Point of Contact: <i>Robin Holloman</i>	Phone: 376-1911	MSIN: H7-23
Issuing WCH Organization: D4 - SM&U	WCH Originator: A. Johnson / <i>Chad Dobie</i>	Phone: 372-9064	MSIN: H4-21 49-10
Authorized Funding: 50,000.00	Performance Period: 8/24/09-9/30/10	Fiscal Year: 2010	Code of Accounts:
Supplemental Work Order? Reason: H100 WSZZZO	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> Current Fiscal Year Authorized: 50,000.00 <input type="checkbox"/> Supplement: <input checked="" type="checkbox"/> Total Authorized: 50,000.00	
WCH REVIEW	Required		Concurrence:
	Yes	No	
Quality Assurance	X		Print: DAVID R. BYERS Sign: <i>[Signature]</i> Date: 8/5/09 Phone: 377-3237 MSIN: N3-01
Safety & Health	X		Print: KENNETH D. JENKINS Sign: <i>[Signature]</i> Date: 8-10-09 Phone: 372-9262 MSIN: H4-25
Engineering Services	X		Print: KIM KOEGLER Sign: <i>[Signature]</i> Date: 8/10/09 Phone: 378-9007 MSIN: L7-11
Environmental		X	Print: Sign: Date: Phone: MSIN:
Project (Field Operations)	X		Print: STEVE DIETERLE Sign: <i>[Signature]</i> Date: 8/10/09 Phone: 308-6982 MSIN: N3-10
Others		X	Print: Sign: Date: Phone: MSIN:
Others		X	Print: Sign: Date: Phone: MSIN:
Project Controls	X		Print: RYAN H. ARMATROUT Sign: <i>[Signature]</i> Date: 8/10/09 Phone: 372-0227 MSIN: L7-11
Procurement & Property	X		Print: DENNIS H. HOUSTON Sign: <i>[Signature]</i> Date: 8/10/09 Phone: 375-4670 MSIN: H4-17
Controller	X		Print: MARSHA L. RAU Sign: <i>[Signature]</i> Date: 8/10/09 Phone: 372-9377 MSIN: H4-19
WCH APPROVAL			
Print Name: STEVEN E. DIETERLE		Signature: <i>[Signature]</i>	Date: 8/10/09 Phone & MSIN: 308-6982/N3-10
OHC ACCEPTANCE			
Print Name:		Signature:	Date: Phone & MSIN:
OHC: Please return this signed work order within TEN working days to WCH - Document Control, MSIN H4-10			

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.
 NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.



WASHINGTON CLOSURE HANFORD WORK ORDER

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
MSA		D4-SM&U	SE DIETERLE	2010	MS1013

(All Sections must be completed or write N/A)

- 1.0 Scope of Work: This work order is for _____
- 2.0 Directives, Codes & Standards: NA _____
- 3.0 Specific Services/Instructions: NA _____
- 4.0 Work Not Included: NA _____
- 5.0 References: _____
- 6.0 Schedule and Milestones: As required for support from 8/24/09 through 9/30/10. _____
- 7.0 Furnished Services & Equip.: NA _____
- 8.0 Permits: NA _____
- 9.0 Q/A Requirements: _____
- 10.0 S&H Requirements: _____
- 11.0 Engineering Requirements: _____
- 12.0 Environmental Requirements: NA _____
- 13.0 Project (Field) Requirements: _____
- 14.0 Other Requirements: NA _____
- 15.0 Acceptance Criteria: _____
- 16.0 Deliverables: NA _____
- 17.0 Submittals: NA _____
- 18.0 Invoicing Requirements: MONTHLY _____
- 19.0 Attachments to Work Order: NA _____
- 20.0 Other: NA _____

Fluor Hanford Work for Others - Point of Contact List by Service

Fluor Hanford Services

Cost Analyst Phone

<u>Central Consolidated Recycling Center (CCRC)</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Copier Rental</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Craft Support</u>	Robin Holloman	376-1911	<input type="checkbox"/>	Robin M Holloman@rl.gov
- Maintenance Services				
- Sign Painters				
<u>Crane and Rigging</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Environ, Safety, Health and Quality</u>	Sonja Cooley	376-1739	<input type="checkbox"/>	Sonja M Cooley@rl.gov
- Air, Noise, Chemical Sampling				
- Safety Expo				
- Radiological Control Technician (RCT) Support				
<u>Fleet Services</u>	Robin Holloman	376-1911	<input type="checkbox"/>	Robin M Holloman@rl.gov
- Fleet Maintenance & Fleet Fuel				
- GSA Leased Vehicles				
<u>HAMMER</u>	Jenkins, Terri	376-9109	<input type="checkbox"/>	Teresa A Jenkins@rl.gov
<u>Hanford Fire Depart Supt Including Fire Syst Maint</u>	Jim Parvis	376-3346	<input type="checkbox"/>	James R Parvis@rl.gov
<u>Information Technology (IT) Services</u>	Debbie Buriak	376-1114	<input type="checkbox"/>	D L Debbie Buriak@rl.gov
<u>Mapping</u>	Kathy Geiger	376-8915	<input type="checkbox"/>	Kathleen J Geiger@rl.gov
<u>Occupancy</u>	Kathy Geiger	376-8915	<input type="checkbox"/>	Kathleen J Geiger@rl.gov
<u>Regulatory Compliance</u>	Cooley, Sonja	376-1739	<input type="checkbox"/>	Sonja M Cooley@rl.gov
<u>Reproduction Services</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Safeguards and Security</u>	Leon Jones	372-0782	<input type="checkbox"/>	Leon V Jones@rl.gov
- Hanford Patrol	Leon Jones	372-0782	<input type="checkbox"/>	Leon V Jones@rl.gov
- Locksmith Services - Personnel Security	Mike Sinclair	376-5975	<input type="checkbox"/>	M J Mike Sinclair@rl.gov
<u>Site Allocations</u>	Lowell Brandt	376-1756	<input type="checkbox"/>	Lowell C Brandt@rl.gov
- Base Services				
- Readiness to Serve (RTS)				
- Fleet Maintenance				
- Crane & Rigging				
- Site Wide Services (SWS)				
- Fire Systems Maintenance				
- Hoisting & Rigging Chairperson				
- PeopleCore/HRIS				
<u>Site Tours</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Supply Chain</u>	Dave Olson	376-6061	<input type="checkbox"/>	David P Dave Olson@rl.gov
- Materials Distribution				
- Oxygen Cylinder Service				
- Passport System				
- Warehousing				
<u>Teamster Support</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Training Services</u>	Linda Inions	376-0800	<input type="checkbox"/>	Linda M Inions@rl.gov
<u>Transportation and Mover Support</u>	Donna Havens	376-9855	<input type="checkbox"/>	Donna M Havens@rl.gov
<u>Utilities - Electrical, Water and Sewer</u>	Kathy Geiger	376-8915	<input type="checkbox"/>	Kathleen J Geiger@rl.gov
<u>Vegetation Control</u>	Robin Holloman	376-1911	<input checked="" type="checkbox"/>	Robin M Holloman@rl.gov
<u>Waste Sampling & Characterization Facility (WSCF) Lab</u>	Donna Brockman	372-1669	<input type="checkbox"/>	Donna P Brockman@rl.gov
- Sample Analysis				
<u>Site Resource Pilot Program</u>	Tom Watson	376-5450	<input type="checkbox"/>	Thomas L Watson@rl.gov
Exempt				
Bargaining Unit				

FH Work Orders
 PNNL Point of Contact
 WRPS Point of Contact
 CHPRC Point of Contact

^FH Work Requests
 terri.kirchhoff@pnl.gov
 [Lynn M Beach@rl.gov](mailto:Lynn.M.Beach@rl.gov)
 [Johnny M Bilahorka@rl.gov](mailto:Johnny.M.Bilahorka@rl.gov)



WASHINGTON CLOSURE HANFORD WORK ORDER

RECEIVED

DEC 22 2008

WCH DOCUMENT
CONTROL

Title: Pesticide Application support		Work Order No.: WF9013	
Performing OHC: FHI	OHC Point of Contact: Faye Hilbart	Phone: 376-7324	MSIN: H9-05
Issuing WCH Organization: Environmental Science	WCH Originator: April Johnson	Phone: 509/554-2284	MSIN: X9-10
Authorized Funding: 45,000	Performance Period: 12/1/08 through 9/30/09	Fiscal Year: FY09	Project (COA): H100WS 2220 and H300WS 2220
Supplemental Work Order? Reason:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> Current Fiscal Year Authorized: 45,000 <input type="checkbox"/> Supplement: <input type="checkbox"/> Total Authorized: 45,000	
Quality Assurance	<input checked="" type="checkbox"/>	Print:	Date:
Safety & Health	<input checked="" type="checkbox"/>	Print: Steve Norling Sign: <i>Stephen Norling</i>	Date: 12-9-08
Engineering Services	<input type="checkbox"/>	Print:	Date:
Environmental	<input checked="" type="checkbox"/>	Print: Chris Strand Sign: <i>Chris Strand</i>	Date: 12/4/08
Project (Field Operations)	<input checked="" type="checkbox"/>	Print:	Date:
Others	<input checked="" type="checkbox"/>	Print:	Date:
Others	<input checked="" type="checkbox"/>	Print:	Date:
Project Controls	<input checked="" type="checkbox"/>	Print: Janie Salazar Sign: <i>Janie Salazar</i>	Date: 12/4/08
Procurement & Property	<input checked="" type="checkbox"/>	Print: Dennis Houston Sign: <i>Dennis Houston</i>	Date: 12/10/08
Controller	<input checked="" type="checkbox"/>	Print: Marsha Ray Sign: <i>Marsha Ray</i>	Date: 12/10/08
Print Name: Steve Dieterle	Signature: <i>Steve Dieterle</i>	Date: 12/10/08	Phone & MSIN: 372-9503 L1-04
Print Name: Juan Rodriguez	Signature: <i>Juan Rodriguez</i>	Date: 12/19/08	Phone & MSIN: 6-1911

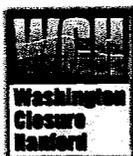
131379

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

2-1330

CACH — 131778
CACH — materials



WASHINGTON CLOSURE HANFORD WORK ORDER

Title: Pesticide Application support			Work Order No.: WF9013	Supplement No.: 0
Performing OHC: FHI		OHC Point of Contact: Faye Hilbert	Phone: 376-7324	MSIN: H9-05
Issuing WCH Organization: Environmental Science		WCH Originator: April Johnson	Phone: 509/554-2264	MSIN: X9-10
Authorized Funding: 45,000	Performance Period: 12/1/08 through 9/30/09	Fiscal Year: FY09	Project (COA): H100WS 2220 and H300WS 2220	
Supplemental Work Order? Reason:		<input type="checkbox"/> Yes <input checked="" type="checkbox"/> Current Fiscal Year Authorized: 45,000 <input type="checkbox"/> Supplement: <input type="checkbox"/> Total Authorized: 45,000		
WCH REVIEW		Comments		
	Required	Y	N	
Quality Assurance			X	Print: _____ Date: _____ Phone: _____ Sign: _____ MSIN: _____
Safety & Health		X		Print: Steve Norling Date: _____ Phone: 942-8391 Sign: <i>Stephen Norling</i> 12-9-08 MSIN: N3-10
Engineering Services				Print: _____ Date: _____ Phone: _____ Sign: _____ MSIN: _____
Environmental		X		Print: Chris Strand Date: _____ Phone: 727-8342 Sign: <i>Chris Strand</i> 12/4/08 MSIN: L1-07
Project (Field Operations)			X	Print: _____ Date: _____ Phone: _____ Sign: _____ MSIN: _____
Others			X	Print: _____ Date: _____ Phone: _____ Sign: _____ MSIN: _____
Others			X	Print: _____ Date: _____ Phone: _____ Sign: _____ MSIN: _____
Project Controls		X		Print: Janie Salazar Date: 12/4/08 Phone: 372-9101 Sign: <i>Janie Salazar</i> MSIN: L1-04
Procurement & Property		X		Print: Dennis Houston Date: 12/10/08 Phone: 375-4670 Sign: <i>Dennis Houston</i> MSIN: H4-17
Controller		X		Print: Marsha Ray Date: 12/10/08 Phone: 372-9377 Sign: <i>Marsha Ray</i> MSIN: H4-19
WCH APPROVAL				
Print Name: Steve Dieterle		Signature: <i>Steve Dieterle</i>		Date: 12/08/08 Phone & MSIN: 372-9503 L1-04
OHC/CONTRACTOR				
Print Name:		Signature:		Date: Phone & MSIN:
OHC/CONTRACTOR (Printed Work Order Within 10 Business Days to WCH Document Control MSIN: 10)				

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.
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WCH WORK ORDER - CONTINUED

Performing OHC	OHC Point of Contact	Issuing Org	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	W.FR.02	April Johnson	FY09	WF9013

(All Sections must be completed or write N/A)

1.0 Scope of Work:

Subcontractor shall furnish all professional services and supervision necessary for application of herbicides over approximately 300 acres of nonvegetated sites, plus approximately 100 "As Needed" acres when requested by WCH. This Statement of Work describes the nonselective herbicide applications to Washington Closure Hanford (WCH) facilities and waste sites through September 30, 2009. Acreage estimate for broadcast applications is based on previous years application information.

This SOW includes application of non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing access to copies of application records of treatments to WCH sites, and written daily reports to the WCH Technical Point of contact. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH Technical Point of Contact direction.

Subcontractor shall provide all preemergent herbicides for nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara" or **contractor approved equivalent**.

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the WCH Technical Point of Contact. Areas requiring retreatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on nonvegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW.

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with WCH field personnel unless confirmed through Technical Point Contact. All herbicide applications within WCH managed areas must be scheduled at least 24 hours in advance to ensure proper employee notification.

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

All workers must be performing under Hazard Control Documentation and in compliance with approved safety plan.

Prior to any herbicide application to areas of the Hanford site under WCH management, an all employee message shall be distributed to all WCH employees specifying areas to be treated, chemical to be applied and time of application. As a result, no last minute, in the field scope changes are allowed to ensure safety to employees and the environment. At least 24 hours prior to treating areas around WCH Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the Technical Point of Contact to ensure employee safety and notification is maintained.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by WCH without prior discussion/ approval of the WCH Technical Point of Contact.

2.0 Directives, Codes, and Standards:

WAC-16-228 and WAC-16-229

All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH direction.

3.0 Specific Services/Instructions:

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact.

4.0 Work Not Included:

WCH Employee notifications and RCT Support.

5.0 References:

N/A

6.0 Schedule and Milestones:

Bareground Pre-emergent 12/15/08 to 4/15/09

WCH WORK ORDER - CONTINUED

Performing OHC	OHC Point of Contact	Issuing Org	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	W.FR.02	April Johnson	FY09	WF9013

As Needed Applications: 6/15/09 to 9/30/09

WCH working hours Monday through Thursday 0600 - 1630.

7.0 Furnished Services and Equipment:

N/A

8.0 Permits:

The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and WCH Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in: • Rad Worker II or equivalent, 40-Hour Hazardous Waste Site Worker or equivalent, and Hanford General Employee Training.

9.0 Q/A Requirements:

If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

10.0 S&H Requirements:

Work performed under this work order must be in a manner that is consistent with the requirements of its DOE prime contract, including quality assurance, health and safety, and environmental compliance requirements.

11.0 Engineering Requirements:

N/A

12.0 Environmental Requirements:

N/A

13.0 Project (Field) Requirements:

All applicators shall sign in on to the WCH visitor long prior to any application if within an area under active remediation or demolition. Visitor logs are located just inside the door of each WCH office trailer. Upon completion of application, each applicator must sign out on the visitor long.

14.0 Other Requirements:

Overtime labor hours for work under this task order must be pre-approved in writing from Technical Point of Contact.

15.0 Acceptance Criteria:

N/A

16.0 Deliverables:

Daily reports for each days application listing each site or facility treated, associated acreage and quantity and type of material used. Each daily report is due the day following the application.

Access to copies of application records to WCH area upon request. Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to technical point of contact. **Email notification to the Technical Point of Contact no later than the last Thursday of each month identifying the costs (supervision hours and costs, labor hours and cost, equipment hours and cost and chemical quantity and costs) that will be invoiced for that month.** Notification will be cross referenced with daily reports for WCH accounting purposes.

17.0 Submittals:

Four below listed submittals must be received by the Technical Point of Contact before any invoice is paid. Cell phone number list for all applicators, Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to Technical Point of Contact, Copies of Subcontractors Valid Commercial Pesticide Applicators license to Technical Point of Contact, and Completion of Appendix A "Cost Sheet". Appendix A will identify the material and labor costs per application method.

18.0 Invoicing Requirements:

Email notification to the Technical Point of Contact no later than the last Thursday of each month identifying the costs (supervision hours and costs, labor hours and cost, equipment hours and cost and chemical quantity and costs) that will be invoiced for that month. Notification will be cross referenced with daily reports for WCH accounting purposes. Monthly invoices must include the employee name, type of equipment and hours per date when work was performed. If hours worked were overtime, identify those overtime hours on the on monthly invoice. WCH shall only be invoiced for actual acres treated and chemical applied to WCH managed lands.

WCH WORK ORDER - CONTINUED

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	W.FR.02	April Johnson	FY09	WF9013

19.0 Attachments to Work Order:
Appendix A Cost Sheet

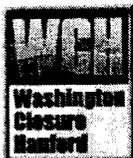
20.0 Other:

Appendix A Cost Sheet

Chemical Mixture	Application Method	Supervision rate/hr	Hours of Supervision per acre	Applicator rate/hr	Applicator hours per acre	Equipment rate/hr	Equipment hours per acre	Chemical Cost Per Acre
5lbs/ac Krovar plus 5lbs/ac Sahara or contractor approved equivalent.	Bareground Residual (Approx 300 acres)							
Mixture of "Roundup Pro" & "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.	"As Needed" (Approx 100 acres)							

Fluor Hanford Work for Others - Point of Contact List by Service

<u>Fluor Hanford Services</u>	<u>Cost Analyst</u>	<u>Phone</u>	
<u>Central Consolidated Recycling Center (CCRC)</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Copier Rental</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Craft Support</u>	Robin Holloman	376-1911	<input type="checkbox"/> Robin M Holloman@rl.gov
- Maintenance Services			
- Sign Painters			
<u>Crane and Rigging</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Environ, Safety, Health and Quality</u>	Sonja Cooley	376-1739	<input type="checkbox"/> Sonja M Cooley@rl.gov
- Air, Noise, Chemical Sampling			
- Safety Expo			
- Radiological Control Technician (RCT) Support			
<u>Fleet Services</u>	Robin Holloman	376-1911	<input type="checkbox"/> Robin M Holloman@rl.gov
- Fleet Maintenance & Fleet Fuel			
- GSA Leased Vehicles			
<u>HAMMER</u>	Jenkins, Terri	376-9109	<input type="checkbox"/> Teresa A Jenkins@rl.gov
<u>Hanford Fire Depart Supt Including Fire Syst Maint</u>	Jim Parvis	376-3346	<input type="checkbox"/> James R Parvis@rl.gov
<u>Information Technology (IT) Services</u>	Debbie Buriak	376-1114	<input type="checkbox"/> D L Debbie Buriak@rl.gov
<u>Mapping</u>	Kathy Geiger	376-8915	<input type="checkbox"/> Kathleen J Geiger@rl.gov
<u>Occupancy</u>	Kathy Geiger	376-8915	<input type="checkbox"/> Kathleen J Geiger@rl.gov
<u>Regulatory Compliance</u>	Cooley, Sonja	376-1739	<input type="checkbox"/> Sonja M Cooley@rl.gov
<u>Reproduction Services</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Safeguards and Security</u>	Leon Jones	372-0782	<input type="checkbox"/> Leon V Jones@rl.gov
- Hanford Patrol	Leon Jones	372-0782	<input type="checkbox"/> Leon V Jones@rl.gov
- Locksmith Services - Personnel Security	Mike Sinclair	376-5975	<input type="checkbox"/> M J Mike Sinclair@rl.gov
<u>Site Allocations</u>	Lowell Brandt	376-1756	<input type="checkbox"/> Lowell C Brandt@rl.gov
- Base Services			
- Readiness to Serve (RTS)			
- Fleet Maintenance			
- Crane & Rigging			
- Site Wide Services (SWS)			
- Fire Systems Maintenance			
- Hoisting & Rigging Chairperson			
- PeopleCore/HRIS			
<u>Site Tours</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Supply Chain</u>	Adam Banta	372-3392	<input type="checkbox"/> Adam N Banta@rl.gov
- Materials Distribution			
- Oxygen Cylinder Service			
- Passport System			
- Warehousing			
<u>Teamster Support</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Training Services</u>	Linda Inions	376-0800	<input type="checkbox"/> Linda M Inions@rl.gov
<u>Transportation and Mover Support</u>	Donna Havens	376-9855	<input type="checkbox"/> Donna M Havens@rl.gov
<u>Utilities - Electrical, Water and Sewer</u>	Kathy Geiger	376-8915	<input type="checkbox"/> Kathleen J Geiger@rl.gov
<u>Vegetation Control</u>	Robin Holloman	376-1911	<input checked="" type="checkbox"/> Robin M Holloman@rl.gov
<u>Waste Sampling & Characterization Facility (WSCF) Lab</u>	Suzette Brown	373-7158	<input type="checkbox"/> Suzette P Brown@rl.gov
- Sample Analysis			
<u>Site Resource Pilot Program</u>	Tom Watson	376-5450	<input type="checkbox"/> Thomas L Watson@rl.gov
Exempt			
Bargaining Unit			
FH Work Orders			<input checked="" type="checkbox"/> FH Work Requests
PNNL Point of Contact			<input type="checkbox"/> terri.kirchhoff@pnl.gov
PNNL Point of Contact			<input type="checkbox"/> misa.shimono@pnl.gov
WPRS Point of Contact			<input type="checkbox"/> Lynn M Williams@rl.gov
CHPRC Point of Contact			<input type="checkbox"/> Johnny M Bilahorka@rl.gov



WASHINGTON CLOSURE HANFORD WORK ORDER

DEC 19 2007

Title: Pesticide Application Support		Work Order No.: W8039	Supplement No.:
Performing OHC: FHI	OHC Point of Contact: Faye Hilbert	Phone: 376-7324	MSIN: H7-23
Issuing WCH Organization: 6BE-0630	WCH Originator: April Johnson	Phone: 554-2264	MSIN: X9-07
Authorized Funding: \$50,000	Performance Period: 12/15/07 to 9/30/08	Fiscal Year: FY2008	Code of Accounts: H100WS 2220
Supplemental Work Order? Reason:	<input type="checkbox"/> Yes	<input checked="" type="checkbox"/> Current Fiscal Year Authorized: \$50,000 <input type="checkbox"/> Supplement: <input type="checkbox"/> Total Authorized:	
WCH REVIEW		Concurrence:	
	Required		
	Yes No	Print:	Date: Phone:
Quality Assurance	X	Sign:	MSIN:
Safety & Health	X	Print: David W. Edwards Sign: <i>D. Edwards</i>	Date: 12-17-07 Phone: 528-4219 MSIN: L1-06
Engineering Services	X	Print:	Date: Phone:
Environmental	X	Print: Megan Proctor Sign: <i>Megan Proctor</i>	Date: 12/17/07 Phone: 521-9622 MSIN: L1-07
Project (Field Operations)	X	Print:	Date: Phone:
Others	X	Print:	Date: Phone:
Others	X	Print:	Date: Phone:
Project Controls	X	Print: Janie Salazar Sign: <i>Janie Salazar</i>	Date: 12/17/07 Phone: 372-9101 MSIN: L1-04
Procurement & Property	X	Print: Dennis Houston Sign: <i>Dennis Houston</i>	Date: 12/19/07 Phone: 375-4670 MSIN: H4-17
Controller	X	Print: Marsha Ray Sign: <i>Marsha Ray</i>	Date: 12/19/07 Phone: 372-9377 MSIN: H4-19
WCH APPROVAL			
Print Name: Steve Dieterle	Signature: <i>Steve Dieterle</i>	Date: 12/19/07	Phone & MSIN: 372-9503 L1-04
OHC ACCEPTANCE			
Print Name:	Signature:	Date:	Phone & MSIN:
OHC: Please return this signed work order within TEN working days to WCH - Document Control, MSIN H4-18			

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.
 NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

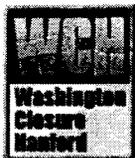


WASHINGTON CLOSURE HANFORD WORK ORDER

Performing OHC	OHC Point of Contact	Issuing Dry	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-0630	April Johnson	2008	W ^F 8039

mjp 12/20/07

(All Sections must be completed or write N/A)



WASHINGTON CLOSURE HANFORD WORK ORDER

Subcontractor shall furnish all professional services and supervision necessary for application of herbicides over approximately 20 acres of vegetated and 410 acres of nonvegetated sites, plus approximately 100 "As Needed" acres as described in Appendix A.

This Statement of Work describes the selective and nonselective herbicide applications to Washington Closure Hanford (WCH) facilities and waste sites through September 30, 2007. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

This SOW includes application of selective and non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing access to copies of application records of treatments to WCH sites, and written daily reports to the WCH Technical Point of contact. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH Technical Point of Contact direction.

Subcontractor shall provide all preemergent herbicides for nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara" or contractor approved equivalent.

Subcontractor will supply chemical for selective sites Phase I if needed (April 1 to May 15) 8 oz Overdrive plus 2qt Veteran 720 per acre. Phase II if needed (May 16 to July 1) 1/3 oz Escort plus 4 qt Veteran 720 per acre. Phase III As Needed spot applications shall utilize a mixture ET Herbicide 2.5 oz plus Roundup 2% per acre.

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the WCH Technical Point of Contact. Areas requiring retreatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on nonvegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

1.0 Scope of Work:

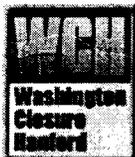
Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for communicating WCH inventory and when materials are required in a timely manner to the WCH Technical Point of Contact.

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with WCH field personnel unless confirmed through Technical Point Contact. All herbicide applications within WCH managed areas must be scheduled at least 24 hours in advance to ensure proper employee notification.

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

All workers must be performing under Hazard Control Documentation and in compliance with approved safety plan. Prior to any herbicide application to areas of the Hanford site under WCH management, an all employee message shall be distributed to all WCH employees specifying areas to be treated, chemical to be applied and time of application. As a result, no last minute, in the field scope changes are allowed to ensure safety to employees and the environment. At least 24 hours prior to treating areas around WCH Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the Technical Point of Contact to ensure employee safety and notification is maintained.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by WCH without prior discussion/approval of the WCH Technical Point of Contact.



WASHINGTON CLOSURE HANFORD WORK ORDER

WAC-16-228 and WAC-16-229

2.0 Directives, Codes & Standards: All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH direction.

3.0 Specific Services/Instructions: All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact.

4.0 Work Not Included: WCH Employee notifications and RCT Support.

5.0 References: N/A

6.0 Schedule and Milestones: Bareground Pre-emergent 12/15/07 to 4/15/08
 Selective Phase I (if needed): 4/1/08 to 5/15/08
 Selective Phase II (if needed): 5/16/08 to 7/1/08
 As Needed Applications: 6/15/08 to 9/30/08
 WCH working hours Monday through Thursday 0600 - 1630.

7.0 Furnished Services & Equip.: N/A

8.0 Permits: The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and WCH Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in: Rad Worker II or equivalent, 40-Hour Hazardous Waste Site Worker or equivalent, and Hanford General Employee Training.

9.0 Q/A Requirements: If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

10.0 S&H Requirements: Work performed under this work order must be in a manner that is consistent with the requirements of its DOE prime contract, including quality assurance, health and safety, and environmental compliance requirements.

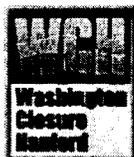
11.0 Engineering Requirements: N/A

12.0 Environmental Requirements: N/A

13.0 Project (Field) Requirements: All applicators shall sign in on to the WCH visitor log prior to any application if within an area under active remediation. Visitor logs are located just inside the door of each WCH office trailer. Upon completion of application, each applicator must sign out on the visitor log.

14.0 Other Requirements: Overtime labor hours for work under this task order must be pre-approved in writing from Technical Point of Contact.

15.0 Acceptance Criteria: N/A



WASHINGTON CLOSURE HANFORD WORK ORDER

Daily reports for each days application listing each site or facility treated, associated acreage and quantity and type of material used. Each daily report is due the day following the application.

Access to copies of application records to WCH area upon request. Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator

- 16.0 Deliverables: license requirements and supply copies to technical point of contact. Written monthly report documenting inventory of WCH purchased chemical. Email notification to the Technical Point of Contact no later than the last Thursday of each month identifying the costs (supervision hours and costs, labor hours and cost, equipment hours and cost and chemical quantity and costs) that will be invoiced for that month. Notification will be cross referenced with daily reports for WCH accounting purposes.

Four below listed submittals must be received by the Technical Point of Contact before any invoice is paid. Cell phone number list for all applicators, Copies of subcontractors material applications valid

- 17.0 Submittals: Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to Technical Point of Contact, Copies of Subcontractors Valid Commercial Pesticide Applicators license to Technical Point of Contact, and Completion of Appendix B "Cost Sheet". Appendix B will identify the material and labor costs per application method.

Email notification to the Technical Point of Contact no later than the last Thursday of each month identifying the costs (supervision hours and costs, labor hours and cost, equipment hours and cost and chemical quantity and costs) that will be invoiced for that month. Notification will be cross referenced with daily reports for WCH accounting

- 18.0 Invoicing Requirements: purposes.

Monthly invoices must include the employee name, type of equipment and hours per date when work was performed. If hours worked were overtime, identify those overtime hours on the on monthly invoice. WCH shall only be invoiced for actual acres treated and chemical applied to WCH managed lands.

- 19.0 Attachments to Work Order: Appendix A, FY2007 WCH Application Areas and Appendix B Cost Sheet

- 20.0 Other: N/A

Appendix A FY2008 WCH Application Areas

Surveillance and Maintenance Project Bareground Areas

All Surveillance and Maintenance and Field Remediation bareground areas are to be sprayed with 5 lbs per acre "Krovar" plus 5 lbs per acre "Sahara" or Contractor approved equivalent

100 N Areas within the exclusion fences and razor wire areas.

105 B/C Areas within the reactor exclusion fence area.

105 D/DR Areas within the reactor exclusion fence area.

105 F Area within the reactor exclusion fence area.

105 H Area within the reactor exclusion fence area

118-H-1 (Solid Waste Burial Ground #1)

118-H-2 (Solid Waste Burial Ground #2)

118-H-3 (Construction Burial Ground)

118-H-4 (Ball 3X Burial Ground)

118-H-5 (105-H Thimble Pit)

183.1 K

117 KE/KW

110 KE/KW

331 LSLDF Drainfield

RCC Facilities and parking areas

100 K

MO-755 Field Remediation Office Trailer

MO-054

MO-765

MO-827

100 N:

MO-425

MO-426

MO-427

MO-013

MO-415

MO-381

1143-N

1120-N

1902-N

183NA

100 B/C

MO-474
MO-770
MO-771

100 D/DR

MO-561
MO-200
MO-980
MO-829

100 F

MO-417
MO-779
MO-780
MO-781
MO-782

North and South Parking Areas
Septic tank area between MO's
Wooden water tank sheds behind MO-780 & -781
Around Above Gd water tank and Fire hydrant

100 H

MO-229

300 AREA o/s fence

MO-059 and parking area
MO-905
MO-265
MO-423

ERDF

MO-607 and parking area
MO-479 west to the fence and parking area
MO-604 west to the fence and parking area
6618D (ILIS Shop) & associated truck staging area

RCC Field Remediation

100 K Area

Near Fuel Area 100K
Storage Area 100K

100 D/DR

118-D-1 (100 D Burial Ground #1)
118-D-2 (100 D Burial Ground #2)
118-D-3 (100 D Burial Ground #3)
118-D-4 (Construction Burial Ground)
118-D-5 (Ball 3X Burial Ground)
118-DR-1 (105-DR-Gas Loop Burial Ground)

Mobile office trailers within the 300 VTS, **Round Up Only**

Drum storage and handling area North & East of 618-7 Round
Up only

RCC S&M Vegetated Sites

Phase I: April 1-May 15, 8oz Overdrive plus 2qt Veteran 720 per
acre

Phase II: If needed, May 2 - July 1 1/3oz Escort plus 4qt
Veteran 720 per acre.

Phase III: As needed spot application of 2.5oz ET herbicide
plus 2% Roundup per acre.

618-10 Burial Ground

618-11 Burial Ground

RCC S&M 300 Area

Area inside 300 Area fence around facilities, parking areas, and
waste sites.

Appendix B Cost Sheet

Chemical Mixture	Application Method	Supervision rate/hr	Hours of Supervision per acre	Applicator rate/hr	Applicator hours per acre	Equipment rate/hr	Equipment hours per acre	Chemical Cost Per Acre
5lbs/ac Krovar plus 5lbs/ac Sahara or contractor approved equivalent.	Bareground Residual (Approx 470 acres)							
8 oz Overdrive plus 2 qt Veteran 720 per acre	Phase I Selective (Approx 20 acres)							
1/3 oz Escort plus 4qt Veteran 720 per acre	Phase II Selective if needed (Approx 20 acres)							
mixture of ET Herbicide 2.5oz plus 2% Roundup per acre	Phase III Selective if needed (Approx 10 acres)							
Mixture of "Roundup Pro" & "Veteran 720" or a similar mixture of glyphosate/2,4-D/Dicamba.	"As Needed" (Approx 100 acres)							

Fluor Hanford Work for Others - Point of Contact List by Service

<u>Fluor Hanford Services</u>	<u>Cost Analyst</u>	<u>Phone</u>	
<u>Central Consolidated Recycling Center (CCRC)</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
<u>Copier Rental</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
<u>Craft Support</u>	Robin Sternberg	376-1911	<input type="checkbox"/> Robin_M.Sternberg@rl.gov
- Maintenance Services			
- Sign Painters			
<u>Crane and Rigging</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
<u>Energy Solutions</u>	Bonnie Howard	376-1114	<input type="checkbox"/> Bonnie_J.Howard@rl.gov
- Nuclear Chemical Operator (NCO) Sampling Support			
- Sampling Vehicle Support			
<u>Electrical Utilities</u>	Kathy Geiger	376-8915	<input type="checkbox"/> Kathleen_J.Geiger@rl.gov
<u>Fast Flux Test Facility (FFTF) 400 area</u>	David Larson	376-1857	<input type="checkbox"/> David_P.Dave_OLson@rl.gov
<u>Fleet Services</u>	Robin Sternberg	376-1911	<input type="checkbox"/> Robin_M.Sternberg@rl.gov
- Fleet Maintenance			
- Fleet Fuel			
- GSA Leased Vehicles			
<u>Groundwater Services</u>	Bonnie Howard	373-3935	<input type="checkbox"/> Bonnie_J.Howard@rl.gov
- Boreholes			
- Well Drilling			
HAMMER	Jamie Perez-Carter	376-9109	<input type="checkbox"/> Jamie_Perez-Carter@rl.gov
<u>Hanford Fire Department Support</u>	Jim Parvis	376-3346	<input type="checkbox"/> James_R.Parvis@rl.gov
<u>Information Technology (IT) Services</u>	Debbie Buriak	376-1114	<input type="checkbox"/> D_L.Debbie_Buriak@rl.gov
<u>K-Basins (Spent Nuclear Fuel) Support</u>	Bill Mallory	373-9249	<input type="checkbox"/> William_C_Jr.Mallory@rl.gov
<u>Occupancy</u>	Kathy Geiger	376-8915	<input type="checkbox"/> Kathleen_J.Geiger@rl.gov
<u>Reproduction Services</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
<u>Safeguards and Security</u>	Leon Jones	372-0782	<input type="checkbox"/> Leon_V.Jones@rl.gov
- Hanford Patrol			
- Locksmith Services			
<u>Safety and Health</u>	Sonja Cooley	376-1739	<input type="checkbox"/> Sonja_M.Cooley@rl.gov
- Air, Noise, Chemical Sampling			
- Safety Expo			
- Radiological Control Technician (RCT) Support			
<u>Site Allocations</u>	Lowell Brandt	376-1756	<input type="checkbox"/> Lowell_C.Brandt@rl.gov
- Base Services			
- Readiness to Serve (RTS)			
- Fleet Maintenance			
- Crane & Rigging			
- Site Wide Services (SWS)			
- Fire Systems Maintenance			
- Hoisting & Rigging Chairperson			
- PeopleCore/HRIS			
- Solid Waste RTS			
<u>Site Tours</u>	John Lang	376-4368	<input type="checkbox"/> John_J.Lang@rl.gov
<u>Supply Chain</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
- Materials Distribution	Lance Gallup	376-4542	<input type="checkbox"/> Lance_E.Gallup@rl.gov
- Oxygen Cylinder Service			
- Passport System			
- Warehousing			
<u>Teamster Support</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
<u>Training Services</u>	Linda Inlons	376-0800	<input type="checkbox"/> Linda_M.Inlons@rl.gov
<u>Transportation and Mover Support</u>	Donna Gibson	376-9855	<input type="checkbox"/> Donna_M.Gibson@rl.gov
<u>Vegetation Control</u>	Robin Sternberg	376-1911	<input type="checkbox"/> Robin_M.Sternberg@rl.gov
<u>Waste Management Services</u>	Suzanne Bussman	376-2009	<input type="checkbox"/> Suzanne_E.Bussman@rl.gov
- Disposal			
- Treatment			
- Preparation			
- Verification			
<u>Waste Sampling & Characterization Facility (WSCF) Lab</u>	Suzette Brown	373-7158	<input type="checkbox"/> Suzette_P.Brown@rl.gov
- Sample Analysis			

FH Work Orders
 PNNL Point of Contact
 PNNL Point of Contact
 CHG Point of Contact
 ATL Point of Contact

FH Work Requests
 Tiffany.Mullen@pnl.gov
 misa.shimono@pnl.gov
 Susan_M.May@rl.gov
 Janice_M.Vesper@rl.gov

4.4.6.11, AC 122084

Washington Closure Hanford
 Richland, WA 99354
WORK ORDER MAR 26 2007

TITLE: Pesticide Application Support		WORK ORDER #: WB6006	SUPPLEMENT #: 35 04A
PERFORMING OHC: FHI	OHC POINT OF CONTACT: Faye Hilbert	PHONE: 376-7324	MSIN: H7-23
ISSUING WCH ORGANIZATION: Environmental Science	WCH ORIGINATOR: April Johnson	PHONE: 372-9288	MSIN: H9-03
PERFORMANCE PERIOD: FROM 10/2/06 TO 9/30/07		FISCAL YEAR: 2007	COAs: H100WS 2220, H300WS 2220, A6J500 YA11

SUPPLEMENTAL WORK ORDER: <input type="checkbox"/> YES REASON FOR SUPPLEMENT: Additional scope, changes are in BOLD	<input type="checkbox"/> PRIOR YEAR UNSPENT (to be filled out by Financial Accounting)
	<input checked="" type="checkbox"/> CURRENT FISCAL YR AUTHORIZED \$50,000
	<input checked="" type="checkbox"/> SUPPLEMENT \$25,000
	<input type="checkbox"/> TOTAL AUTHORIZED \$75,000

WCH REVIEW	Required		CONCURRENCE:			
	Yes	No	Print:	Date:	Phone:	MSIN:
Quality Assurance		X	Print: N/A Sign: [Signature]			
Safety & Health <i>Bruce Turner</i>	X		Print: R. A. Brounstein Sign: [Signature]	3/20/07	372-9016	L1-06
Engineering Services		X	Print: N/A Sign: [Signature]			
Environmental	X		Print: D.M. Yasek Sign: <i>D.M. Yasek</i>	3/21/07	372-9978	L1-07
Others		X	Print: N/A Sign: [Signature]			
Others		X	Print: N/A Sign: [Signature]			
Project Controls	X		Print: S. G. Salazar Sign: <i>S.G. Salazar</i>		372-9101	L1-04
Procurement & Property	X		Print: D.H. Houston Sign: <i>D.H. Houston</i>	3/26/07	375-4670	H4-17
Controller	X		Print: M.L. Rau Sign: <i>M.L. Rau</i>	3/26/07	372-9377	H4-19

WCH PROJECT APPROVAL			
Print Name: S. D. Dieterle	Signature: <i>S.D. Dieterle</i>	Date: 3/21/07	Phone: 372-9803 MSIN: L1-04

OHC ACCEPTANCE			
Print Name: <i>Faye Hilbert</i>	Signature: <i>Faye Hilbert</i>	Date: 4/10/07	Phone: 376-7324 MSIN: H7-23

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

RECEIVED

APR 11 2007

WCH - DOCUMENT CONTROL

Washington Closure Hanford
Richland, WA 99354
WORK ORDER

MAR 26 2007

TITLE: Pesticide Application Support		WORK ORDER #: WB6006	SUPPLEMENT #: 35 04A
PERFORMING OHC: FHI	OHC POINT OF CONTACT: Faye Hilbert	PHONE: 376-7324	MSIN: H7-23
ISSUING WCH ORGANIZATION: Environmental Science	WCH ORIGINATOR: April Johnson	PHONE: 372-9288	MSIN: H9-03
PERFORMANCE PERIOD: FROM 10/2/06 TO 9/30/07		FISCAL YEAR: 2007	COAs: H100WS 2220, H300WS 2220, A8J500 YA11

SUPPLEMENTAL WORK ORDER: <input type="checkbox"/> YES REASON FOR SUPPLEMENT: Additional scope, changes are in BOLD	<input type="checkbox"/> PRIOR YEAR UNSPENT (to be filled out by Financial Accounting)
	<input checked="" type="checkbox"/> CURRENT FISCAL YR AUTHORIZED \$50,000
	<input checked="" type="checkbox"/> SUPPLEMENT \$25,000
	<input type="checkbox"/> TOTAL AUTHORIZED \$75,000

WCH REVIEW	Required		CONCURRENCE:			
	Yes	No	Print:	Date:	Phone:	MSIN:
Quality Assurance		X	Print: N/A Sign: <i>[Signature]</i>			
Safety & Health <i>Bruce Tuttle</i>	X		Print: R. A. Brounstein Sign: <i>[Signature]</i>	<i>3/20/07</i>	Phone: 372-9016	MSIN: L1-06
Engineering Services		X	Print: N/A Sign: <i>[Signature]</i>			
Environmental	X		Print: D.M. Yasek Sign: <i>[Signature]</i>	<i>3/21/07</i>	Phone: 372-9978	MSIN: L1-07
Others		X	Print: N/A Sign: <i>[Signature]</i>			
Others		X	Print: N/A Sign: <i>[Signature]</i>			
Project Controls	X		Print: S. G. Salazar Sign: <i>[Signature]</i>		Phone: 372-9101	MSIN: L1-04
Procurement & Property	X		Print: D. H. Houston Sign: <i>[Signature]</i>	<i>3/26/07</i>	Phone: 375-4670	MSIN: H4-17
Controller	X		Print: M.L. Rau Sign: <i>[Signature]</i>	<i>3/26/07</i>	Phone: 372-9377	MSIN: H4-19

WCH PROJECT APPROVAL			
Print Name: S. D. Dieterle	Signature: <i>[Signature]</i>	Date: <i>3/21/07</i>	Phone: 372-9803 MSIN: L1-04

OHC ACCEPTANCE			
Print Name:	Signature:	Date:	Phone:
			MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

Washington Closure Hanford
Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

1.0 Scope of Work:

Subcontractor shall furnish all professional services and supervision necessary for application of herbicides over approximately 20 acres of vegetated and 410 acres of nonvegetated sites, plus approximately 100 "As Needed" acres as described in Appendix A.

This Statement of Work describes the selective and nonselective herbicide applications to Washington Closure Hanford (WCH) facilities and waste sites through September 30, 2007. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

This SOW includes application of selective and non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing access to copies of application records of treatments to WCH sites, and written daily reports to the WCH Technical Point of contact. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH Technical Point of Contact direction.

Subcontractor shall provide all preemergent herbicides for nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara" or contractor approved equivalent.

Subcontractor will supply chemical for selective sites Phase I if needed (April 1 to May 15) 8 oz Overdrive plus 2qt Veteran 720 per acre. Phase II if needed (May 16 to July 1) 1/3 oz Escort plus 4 qt Veteran 720 per acre. Phase III As Needed spot applications shall utilize a mixture ET Herbicide 2.5 oz plus Roundup 2% per acre.

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the WCH Technical Point of Contact. Areas requiring retreatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on nonvegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for communicating WCH inventory and when materials are required in a timely manner to the WCH Technical Point of Contact.

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with WCH field personnel unless confirmed through Technical Point Contact. All herbicide applications within WCH managed areas must be scheduled at least 24 hours in advance to ensure proper employee notification.

Washington Closure Hanford
Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by WCH without prior discussion/approval of the WCH Technical Point of Contact.

- 2.0 **Directives, Codes, and Standards:** WAC-16-228 and WAC-16-229
All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH direction.
- 3.0 **Specific Services/Special Instructions:** All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact.
- 4.0 **Work Not Included:** WCH Employee notifications.
- 5.0 **References:** N/A
- 6.0 **Schedule and Milestones:** Bareground Pre-emergent 11/1/06 to 4/15/07
Selective Phase I (if needed): 4/1/07 to 5/15/07
Selective Phase II (if needed): 5/16/07 to 7/1/07
As Needed Applications: 6/15/07 to 9/30/07
WCH working hours Monday through Thursday 0600 – 1630.
- 7.0 **Furnished Services and Equipment:** N/A
- 8.0 **Permits:** The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and WCH Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:
 - Rad Worker II or equivalent
 - 40-Hour Hazardous Waste Site Worker or equivalent
 - Hanford General Employee Training
- 9.0 **QA Requirements:** If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.
- 10.0 **S&H Requirements:** All workers must be performing under Hazard Control Documentation and in compliance with approved safety plan. Prior to any herbicide application to areas of the Hanford site under WCH management, an all employee message shall be distributed to all WCH employees specifying areas to be treated, chemical to be applied and time of application. As a result, no last minute, in the

Washington Closure Hanford
Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

field scope changes are allowed to ensure safety to employees and the environment. At least 24 hours prior to treating areas around WCH Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the Technical Point of Contact to ensure employee safety and notification is maintained.

11.0 Engineering Requirements: N/A

12.0 Environmental Requirements: N/A

13.0 Project (Field) Requirements: All applicators shall sign in on to the WCH visitor long prior to any application if within an area under active remediation. Visitor logs are located just inside the door of each WCH office trailer. Upon completion of application, each applicator must sign out on the visitor long.

14.0 Other Requirements: Overtime labor hours for work under this task order must be pre-approved in writing from Technical Point of Contact.

15.0 Acceptance Criteria: N/A

16.0 Deliverables:

- Daily reports for each days application listing each site or facility treated, associated acreage and quantity and type of material used. Each daily report is due the day following the application.
- Access to copies of application records to WCH area upon request.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to technical point of contact.
- **Written monthly report documenting inventory of WCH purchased chemical.**
- **Email notification to the Technical Point of Contact no later than the last Thursday of each month identifying the costs (supervision hours and costs, labor hours and cost, equipment hours and cost and chemical quantity and costs) that will be invoiced for that month. Notification will be cross referenced with daily reports for WCH accounting purposes.**

17.0 Submittals:

- **Four below listed submittals must be received by the Technical Point of Contact before any invoice is paid.**
- Cell phone number list for all applicators
- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to Technical Point of Contact.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to Technical Point of Contact.
- **Completion of Appendix B "Cost Sheet". Appendix B will identify the material and labor costs per application method.**

18.0 Invoicing Requirements: Email notification to the Technical Point of Contact no later than the last Thursday of each month identifying the costs (supervision hours and costs, labor hours and cost, equipment hours and cost and chemical quantity and costs) that will be invoiced for that month. Notification will be cross referenced with daily reports for WCH accounting purposes. Monthly invoices must include the employee name, type of equipment and

Washington Closure Hanford
 Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

hours per date when work was performed. If hours worked were overtime, identify those overtime hours on the on monthly invoice. **WCH shall only be invoiced for actual acres treated and chemical applied to WCH managed lands.**

19.0 Attachments to the Work Order:

Appendix A, FY2007 WCH Application Areas and Appendix B Cost Sheet

20.0 Other: N/A

Appendix A
FY2007 WCH Application Areas

Surveillance and Maintenance Project Bareground Areas

All Surveillance and Maintenance and Field Remediation bareground areas are to be sprayed with 5 lbs per acre "Krovar" plus 5 lbs per acre "Sahara".

100 N Areas within the exclusion fences and razor wire areas.

105 B/C Areas within the reactor exclusion fence area.

105 D/DR Areas within the reactor exclusion fence area.

105 F Area within the reactor exclusion fence area.

105 H Area within the reactor exclusion fence area

118-H-1 (Solid Waste Burial Ground #1)

118-H-2 (Solid Waste Burial Ground #2)

118-H-3 (Construction Burial Ground)

118-H-4 (Ball 3X Burial Ground)

118-H-5 (105-H Thimble Pit)

183.1 K

117 KE/KW

110 KE/KW

331 LSLDF Drainfield

RCC Facilities and parking areas

100 K

MO-755 Field Remediation Office Trailer

MO-054

MO-765

MO-827

100 N:

MO-425

MO-426

MO-427

MO-013

MO-415

MO-381

1143-N

1120-N

1902-N

183NA

100 B/C

MO-474

MO-770

MO-771

100 D/DR

MO-561

MO-200

MO-980

MO-829

100 F

MO-417

MO-779

MO-780

MO-781

MO-782

North and South Parking Areas

Septic tank area between MO's

Wooden water tank sheds behind MO-780 & -781

Around Above Gd water tank and Fire hydrant

100 H

MO-229

300 AREA o/s fence

MO-059 and parking area

MO-905

MO-265

MO-423

ERDF

MO-607 and parking area

MO-479 west to the fence and parking area

MO-604 west to the fence and parking area

6618D (ILIS Shop) & associated truck staging area

RCC Field Remediation

100 K Area

Near Fuel Area 100K

Storage Area 100K

100 D/DR

118-D-1 (100 D Burial Ground #1)

118-D-2 (100 D Burial Ground #2)

118-D-3 (100 D Burial Ground #3)

118-D-4 (Construction Burial Ground)

118-D-5 (Ball 3X Burial Ground)

118-DR-1 (105-DR-Gas Loop Burial Ground)

Mobile office trailers within the 300 VTS, **Round Up Only**Drum storage and handling area North & East of 618-7 **Round****Up only**

RCC S&M Vegetated Sites

Phase I: April 1-May 15, 8oz Overdrive plus 2qt Veteran 720 per acre

Phase II: If needed, May 2 - July 1 1/3oz Escort plus 4qt Veteran 720 per acre.

Phase III: As needed spot application of 2.5oz ET herbicide plus 2% Roundup per acre.

618-10 Burial Ground

618-11 Burial Ground

RCC S&M 300 Area

Area inside 300 Area fence around facilities, parking areas, and waste sites.

Appendix B Cost Sheet

Chemical Mixture	Application Method	Supervision rate/hr	Hours of Supervision per acre	Applicator rate/hr	Applicator hours per acre	Equipment rate/hr	Equipment hours per acre	Chemical Cost Per Acre
5lbs/ac Krovar plus 5lbs/ac Sahara or contractor approved equivalent.	Bareground Residual (Approx 470 acres)							
8 oz Overdrive plus 2 qt Veteran 720 per acre	Phase I Selective (Approx 20 acres)							
1/3 oz Escort plus 4qt Veteran 720 per acre	Phase II Selective if needed (Approx 20 acres)							
mixture of ET Herbicide 2.5oz plus 2% Roundup per acre	Phase III Selective if needed (Approx 10 acres)							
Mixture of "Roundup Pro" & "Veteran 720" or a similar mixture of glyphosate/2,4-D/Dicamba.	"As Needed" (Approx 100 acres)							

Fluor Hanford Work for Others - Point of Contact List by Service

Cost Analyst	Email Address	Phone	Fluor Hanford Services
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Central Consolidated Recycling Center (CCRC)
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Copier Rental
<input type="checkbox"/>	Faye Hilbert	Rita_F_Faye_Hilbert@rl.gov	376-7324 Craft Support
			- Maintenance Services - Sign Painters
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Crane and Rigging
<input type="checkbox"/>	Debbie Buriak	D_L_Debbie_Buriak@rl.gov	376-1114 Duratek Support
			- Nuclear Chemical Operator (NCO) Sampling Supp - Sampling Vehicle Support
<input type="checkbox"/>	Kathy Geiger	Kathleen_J_Geiger@rl.gov	376-8915 Electrical Utilities
<input type="checkbox"/>	Mary Davenport	Mary_C_Davenport@rl.gov	376-1857 Fast Flux Test Facility (FFTF)
<input type="checkbox"/>	Faye Hilbert	Rita_F_Faye_Hilbert@rl.gov	376-7324 Fleet Services
			- Fleet Maintenance - Fleet Fuel - GSA Leased Vehicles
<input type="checkbox"/>	Bonnie Howard	Bonnie_J_Howard@rl.gov	373-3935 Groundwater Services
			- Boreholes - Well Drilling
<input type="checkbox"/>	Jamie Perez-Carter	Jamie_Perez-Carter@rl.gov	376-9109 HAMMER
<input type="checkbox"/>	Jim Parvis	James_R_Parvis@rl.gov	376-3346 Hanford Fire Department Support
<input type="checkbox"/>	Debbie Buriak	D_L_Debbie_Buriak@rl.gov	376-1114 Information Technology (IT) Services
<input type="checkbox"/>	Rose Pielstick	Rose_M_Pielstick@rl.gov	373-6690 K-Basins (Spent Nuclear Fuel) Support
<input type="checkbox"/>	Kathy Geiger	Kathleen_J_Geiger@rl.gov	376-8915 Occupancy
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Reproduction Services
<input type="checkbox"/>	Leon Jones	Leon_V_Jones@rl.gov	372-0782 Safeguards and Security
			- Hanford Patrol - Locksmith Services
<input type="checkbox"/>	Sonja Cooley	Sonia_M_Cooley@rl.gov	376-1739 Safety and Health
			- Air, Noise, Chemical Sampling - Safety Expo - Radiological Control Technician (RCT) Support
<input type="checkbox"/>	Lowell Brandt	Lowell_C_Brandt@rl.gov	376-1756 Site Allocations
			- Base Services - Readiness to Serve (RTS) - Fleet Maintenance - Crane & Rigging - Site Wide Services (SWS) - Fire Systems Maintenance - Hoisting & Rigging Chairperson - PeopleCore/HRIS - Solid Waste RTS
<input type="checkbox"/>	John Lang	John_J_Lang@rl.gov	376-4368
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Site Tours
<input type="checkbox"/>	Lance Gallup	Lance_E_Gallup@rl.gov	376-4542 Supply Chain
			- Materials Distribution - Oxygen Cylinder Service - Passport System - Warehousing
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Teamster Support
<input type="checkbox"/>	Linda Inions	Linda_M_Inions@rl.gov	376-0800 Training Services
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Transportation and Mover Support
<input checked="" type="checkbox"/>	Faye Hilbert	Rita_F_Faye_Hilbert@rl.gov	376-7324 Vegetation Control
<input type="checkbox"/>	Suzanne Bussman	Suzanne_E_Bussman@rl.gov	376-2009 Waste Management Services
			- Disposal - Treatment - Preparation - Verification
<input type="checkbox"/>	Suzette Brown	Suzette_P_Brown@rl.gov	373-7158 Waste Sampling & Characterization Facility (WSCF) Lab
			- Sample Analysis

Additional Lists

<input checked="" type="checkbox"/>	FH Work Orders Group	^FH Work Requests
<input type="checkbox"/>	Tiffany Mullen	Tiffany.Mullen@pnl.gov
<input type="checkbox"/>	Susan May	Susan_M_May@rl.gov
<input type="checkbox"/>	Janice Vesper	Janice_M_Vesper@rl.gov

FH Work Orders
PNNL Point of Contact
CHG Point of Contact
ATL Point of Contact

Washington Closure Hanford
 Richland, WA 99354
WORK ORDER

SEP 21 2006

TITLE: Pesticide Application Support		WORK ORDER #: WB6006	SUPPLEMENT #: 3A
PERFORMING OHC: FHI	OHC POINT OF CONTACT: Faye Hilbert	PHONE: 376-7324	MSIN: H7-23
ISSUING WCH ORGANIZATION: Environmental Science	WCH ORIGINATOR: April Johnson	PHONE: 372-9288	MSIN: H9-03
PERFORMANCE PERIOD: FROM 10/2/06 TO 9/30/07		FISCAL YEAR: 2007	COAs: H100W# 2220, H300W# 2220, ABJ500 YA11

SUPPLEMENTAL WORK ORDER: REASON FOR SUPPLEMENT: <i>FY 07 Funding</i>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> PRIOR YEAR UNSPENT (to be filled out by Financial Accounting)
		<input checked="" type="checkbox"/> CURRENT FISCAL YR AUTHORIZED
		<input type="checkbox"/> SUPPLEMENT \$50,000
		<input type="checkbox"/> TOTAL AUTHORIZED 50,000

WCH REVIEW	Required		CONCURRENCE:			
	Yes	No	Print	Sign	Date	Phone
Quality Assurance		X	Print: N/A			
Safety & Health			Print: S.R. Coleman	<i>[Signature]</i>	9/20/06	372-9016
Engineering Services		X	Print: S. J. Glanville	<i>[Signature]</i>		LI-06
Environmental	X		Print: J. W. Golden	<i>[Signature]</i>	9/20/06	521-0877
Others		X	Print:			LI-07
Others		X	Print:			
Project Controls	X		Print: J. G. Salazar	<i>[Signature]</i>	9/20/06	372-9101
Procurement & Property	X		Print: D. H. Houston	<i>[Signature]</i>		LI-04
Controller	X		Print: V. A. Larson	<i>[Signature]</i>	9/25/06	372-9484

WCH PROJECT APPROVAL			
Print Name: S. D. Dieterle	Signature: <i>[Signature]</i>	Date: 9/20/06	Phone: 2-9503
			MSIN: LI-04

OHC ACCEPTANCE			
Print Name: Faye Hilbert	Signature: <i>[Signature]</i>	Date: 9/28/06	Phone:
			MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

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NOTE: Advanced notification of assessments and/or audits should be tailored to the project and work furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

RECEIVED

OCT 02 2006

Washington Closure Hanford
 Richland, WA 99354
WORK ORDER

SEP 21 2006

TITLE: Pesticide Application Support		WORK ORDER #: WB6006	SUPPLEMENT #: 3A
PERFORMING OHC: FHI	OHC POINT OF CONTACT: Faye Hilbert	PHONE: 376-7324	MSIN: H7-23
ISSUING WCH ORGANIZATION: Environmental Science	WCH ORIGINATOR: April Johnson	PHONE: 372-9288	MSIN: H9-03
PERFORMANCE PERIOD: FROM 10/2/06 TO 9/30/07		FISCAL YEAR: 2007	COAs: H100W\$ 2220, H300W\$ 2220, A8J500 YA11

SUPPLEMENTAL WORK ORDER: REASON FOR SUPPLEMENT: <i>FY 07 funding</i>	<input checked="" type="checkbox"/> YES	<input type="checkbox"/> PRIOR YEAR UNSPENT (to be filled out by Financial Accounting)
	<input checked="" type="checkbox"/> CURRENT FISCAL YR AUTHORIZED \$50,000	
	<input type="checkbox"/> SUPPLEMENT	
	<input type="checkbox"/> TOTAL AUTHORIZED 50,000	

WCH REVIEW	Required		CONCURRENCE:			
	Yes	No	Print:	Date:	Phone:	MSIN:
Quality Assurance		X	N/A			
Safety & Health			S. R. Coleman <i>[Signature]</i>	9/20/06	372-9016	L1-06
Engineering Services		X				
Environmental	X		J. W. Golden <i>[Signature]</i>	9/20/06	521-0877	L1-07
Others		X				
Others		X				
Project Controls	X		S. G. Salazar <i>[Signature]</i>	9/20/06	372-9101	L1-04
Procurement & Property	X		D. H. Houston <i>[Signature]</i>			
Controller	X		V. A. Larson <i>[Signature]</i>	9/25/06	372-9484	H0-07

WCH PROJECT APPROVAL			
Print Name: S. D. Dieterle	Signature: <i>[Signature]</i>	Date: 9/20/06	Phone: 2-9503 MSIN: H-04

OHC ACCEPTANCE			
Print Name:	Signature:	Date:	Phone:
			MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

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NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

Washington Closure Hanford

Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

(All sections must be completed or write N/A)

1.0 Scope of Work: This Statement of Work describes the selective and nonselective herbicide applications to Washington Closure Hanford (WCH) facilities and waste sites through September 30, 2007. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

This SOW includes application of selective and non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing access to weekly copies of application records to treatments to WCH sites, and written daily reports to the WCH Technical Point of contact. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH Technical Point of Contact direction.

WCH will provide all preemergent herbicides for nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara".

Subcontractor will supply chemical for selective sites Phase I if needed (April 1 to May 15) 8 oz Overdrive plus 2qt Veteran 720 per acre. Phase II if needed (May 16 to July 1) 1/3 oz Escort plus 4 qt Veteran 720 per acre. Phase III As Needed spot applications shall utilize a mixture ET Herbicide 2.5 oz plus Roundup 2% per acre.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for communicating WCH inventory and when materials are required in a timely manner to the WCH Technical Point of Contact.

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact. All herbicide applications within WCH managed areas must be scheduled at least 24 hours in advance to ensure proper employee notification.

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by WCH without prior discussion/approval of the WCH Technical Point of Contact.

Washington Closure Hanford
Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

2.0 Directives, Codes, and Standards: WAC-16-228 and WAC-16-229
All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH direction.

3.0 Specific Services/Special Instructions: All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact.

4.0 Work Not Included: WCH Employee notifications.

5.0 References: N/A

6.0 Schedule and Milestones: Bareground Pre-emergent 11/1/06 to 3/31/07
Selective Phase I (if needed): 4/1/07 to 5/15/07
Selective Phase II (if needed): 5/16/07 to 7/1/07
As Needed Applications: 6/15/07 to 9/30/07
N Springs Mulberries if needed: 9/1/07 to 9/30/07
WCH working hours Monday through Thursday 0600 – 1630.

7.0 Furnished Services and Equipment: N/A

8.0 Permits: The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and WCH Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

9.0 QA Requirements: If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

10.0 S&H Requirements: All workers must be performing under Hazard Control Documentation and in compliance with approved safety plan. Prior to any herbicide application to areas of the Hanford site under WCH management, an all employee message shall be distributed to all WCH employees specifying areas to be treated, chemical to be applied and time of application. As a result, no last minute, in the field scope changes are allowed to ensure safety to employees and the environment. At least 24 hours prior to treating areas around WCH Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the Technical Point of Contact to ensure employee safety and notification is maintained.

11.0 Engineering Requirements: N/A

12.0 Environmental Requirements: N/A

Washington Closure Hanford
Richland, WA 99354

WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Faye Hilbert	6BE-2120	A.L. Johnson	2007	WB6006

13.0 Project (Field) Requirements: N/A

14.0 Other Requirements: Overtime labor hours for work under this task order must be pre-approved in writing from Technical Point of Contact.

15.0 Acceptance Criteria: N/A

16.0 Deliverables:

- Daily reports for each days application listing each site or facility treated, associated acreage and quantity and type of material used, due the day following the application.
- Access to copies of application records to WCH area upon request.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to technical point of contact.

17.0 Submittals:

- Cell phone number list for all applicators
- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to Technical Point of Contact.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to Technical Point of Contact.

18.0 Invoicing Requirements: Monthly invoices must include the employee name or type of equipment and hours per date when work is performed. If hours worked were overtime, identify those hours on the on monthly invoice.

19.0 Attachments to the Work Order: N/A

20.0 Other: N/A

Fluor Hanford Work for Others - Point of Contact List by Service

Cost Analyst	Email Address	Phone	Fluor Hanford Services
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Central Consolidated Recycling Center (CCRC)
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Copier Rental
<input type="checkbox"/>	Faye Hilbert	Rita_F_Faye_Hilbert@rl.gov	376-7324 Craft Support
			- Maintenance Services - Sign Painters
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Crane and Rigging
<input type="checkbox"/>	Debbie Buriak	D_L_Debbie_Buriak@rl.gov	376-1114 Duratek Support
			- Nuclear Chemical Operator (NCO) Sampling Supp - Sampling Vehicle Support
<input type="checkbox"/>	Kathy Geiger	Kathleen_J_Geiger@rl.gov	376-8915 Electrical Utilities
<input type="checkbox"/>	Mary Davenport	Mary_C_Davenport@rl.gov	376-1857 Fast Flux Test Facility (FFTF)
<input type="checkbox"/>	Faye Hilbert	Rita_F_Faye_Hilbert@rl.gov	376-7324 Fleet Services
			- Fleet Maintenance - Fleet Fuel - GSA Leased Vehicles
<input type="checkbox"/>	Bonnie Howard	Bonnie_J_Howard@rl.gov	373-3935 Groundwater Services
			- Boreholes - Well Drilling
<input type="checkbox"/>	Jamie Perez-Carter	Jamie_Perez-Carter@rl.gov	376-9109 HAMMER
<input type="checkbox"/>	Jim Parvis	James_R_Parvis@rl.gov	376-3346 Hanford Fire Department Support
<input type="checkbox"/>	Debbie Buriak	D_L_Debbie_Buriak@rl.gov	376-1114 Information Technology (IT) Services
<input type="checkbox"/>	Rose Pielstick	Rose_M_Pielstick@rl.gov	373-6690 K-Basins (Spent Nuclear Fuel) Support
<input type="checkbox"/>	Kathy Geiger	Kathleen_J_Geiger@rl.gov	376-8915 Occupancy
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Reproduction Services
<input type="checkbox"/>	Leon Jones	Leon_V_Jones@rl.gov	372-0782 Safeguards and Security
			- Hanford Patrol - Locksmith Services
<input type="checkbox"/>	Sonja Cooley	Sonja_M_Cooley@rl.gov	376-1739 Safety and Health
			- Air, Noise, Chemical Sampling - Safety Expo - Radiological Control Technician (RCT) Support
<input type="checkbox"/>	Lowell Brandt	Lowell_C_Brandt@rl.gov	376-1756 Site Allocations
			- Base Services - Readiness to Serve (RTS) - Fleet Maintenance - Crane & Rigging - Site Wide Services (SWS) - Fire Systems Maintenance - Hoisting & Rigging Chairperson - PeopleCore/HRIS - Solid Waste RTS
<input type="checkbox"/>	John Lang	John_J_Lang@rl.gov	376-4368
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Site Tours
<input type="checkbox"/>	Lance Gallup	Lance_E_Gallup@rl.gov	376-4542 Supply Chain
			- Materials Distribution - Oxygen Cylinder Service - Passport System - Warehousing
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Teamster Support
<input type="checkbox"/>	Linda Inions	Linda_M_Inions@rl.gov	376-0800 Training Services
<input type="checkbox"/>	Donna Gibson	Donna_M_Gibson@rl.gov	376-9855 Transportation and Mover Support
<input checked="" type="checkbox"/>	Faye Hilbert	Rita_F_Faye_Hilbert@rl.gov	376-7324 Vegetation Control
<input type="checkbox"/>	Suzanne Bussman	Suzanne_E_Bussman@rl.gov	376-2009 Waste Management Services
			- Disposal - Treatment - Preparation - Verification
<input type="checkbox"/>	Suzette Brown	Suzette_P_Brown@rl.gov	373-7158 Waste Sampling & Characterization Facility (WSCF) Lab
			- Sample Analysis

Additional Lists

<input checked="" type="checkbox"/>	FH Work Orders Group	Tiffany.Mullen@pnl.gov	FH Work Requests	FH Work Orders
<input type="checkbox"/>	Tiffany Mullen	Tiffany.Mullen@pnl.gov		PNNL Point of Contact
<input type="checkbox"/>	Wayne Walton	Wayne_W_Walton@rl.gov		CHG Point of Contact



Washington Closure Hanford
Richland, WA 99354

AUG 08 2006

WORK ORDER

TITLE: Herbicide and Pesticide Application Support			WORK ORDER #: WB6006
PERFORMING OHC: FHI	OHC POINT OF CONTACT: Juan Rodriguez	PHONE: 378-5128	MSIN: LA-19
ISSUING WCH ORGANIZATION: Environmental Science	WCH ORIGINATOR: April Johnson	PHONE: 372-9288	MSIN: H9-03
AUTHORIZED FUNDING: \$63,000	PERFORMANCE PERIOD: FROM 1/23/06 TO 8/30/06	FISCAL YEAR: 2006	CODE OF ACCOUNTS: ERCHR8 2W12, ERCHR8 2W15, ASJ500 YA11, R118K1 Y000, & R11NDX3 Y000

SUPPLEMENTAL WORK ORDER: REASON: Additional Funding	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> CHANGE IN FUNDING FROM 48,000 (add \$15K)	SUPPLEMENT # 2
		<input type="checkbox"/> CHANGE IN SCHEDULE FROM	
		<input type="checkbox"/> CHANGE IN SCOPE	

WCH REVIEW	Required		CONCURRENCE:		
	Yes	No	Print	Date	Phone
Quality Assurance		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Safety & Health		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Engineering Services		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Environmental		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Project (Field Operations)		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Others		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Others		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Project Controls	X		Print: J.G. Salazar Sign: _____	Date: 8/2/06	Phone: 372-9101 MSIN: H1-04
Procurement & Property		X	Print: _____ Sign: _____	Date: _____	Phone: _____ MSIN: _____
Controller	X		Print: V.A. Larson Sign: _____	Date: 8/18/06	Phone: 372-9459 MSIN: H0-07

WCH APPROVAL

Print Name: S.E. Dieterle	Signature: _____	Date: 8/2/06	Phone: 372-9101 MSIN: H1-04
------------------------------	------------------	--------------	--------------------------------

OHC ACCEPTANCE

Print Name:	Signature: _____	Date:	Phone:
			MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

- Forward original to R&DC (MSIN H0-30) for the following distributions:
- WCH: All signatories shown above
 - OHC: Name _____ MSIN _____
 - Others: Name: Steve Dieterle MSIN 8/24/06
- OHC Distribution**
 FH Work Request (FDH)
Joseph G. Caudill @rl.gov
Rita E. Faye-Hilbert @rl.gov



Washington Closure Hanford
Richland, WA 99354

AUG 08 2006

WORK ORDER

TITLE: Herbicide and Pesticide Application Support			WORK ORDER #: WB6006
PERFORMING OHC: FHI	OHC POINT OF CONTACT: Juan Rodriguez	PHONE: 376-5128	MSIN: L4-19
ISSUING WCH ORGANIZATION: Environmental Science	WCH ORIGINATOR: April Johnson	PHONE: 372-9288	MSIN: H9-03
AUTHORIZED FUNDING: \$63,000	PERFORMANCE PERIOD: FROM 1/23/06 TO 9/30/06	FISCAL YEAR: 2006	CODE OF ACCOUNTS: ERCHRB 2W12, ERCHRB 2W15, ABJ500 YA11, R118K1 Y000, & R11NX3 Y000

SUPPLEMENTAL WORK ORDER: REASON: Additional Funding	<input checked="" type="checkbox"/> YES	<input checked="" type="checkbox"/> CHANGE IN FUNDING FROM 48,000 (add \$15K)	SUPPLEMENT # 2
		<input type="checkbox"/> CHANGE IN SCHEDULE FROM	
		<input type="checkbox"/> CHANGE IN SCOPE	

WCH REVIEW	Required		CONCURRENCE:		
	Yes	No	Print:	Date:	Phone:
Quality Assurance		x	Sign:		MSIN:
Safety & Health		x	Print:	Date:	Phone:
Engineering Services		x	Sign:		MSIN:
Environmental		x	Print:	Date:	Phone:
Project (Field Operations)		x	Sign:		MSIN:
Others		x	Print:	Date:	Phone:
Others		x	Sign:		MSIN:
Project Controls	X		Print: J.G. Salazar	Date: 8/2/06	Phone: 372-9101
Procurement & Property		x	Sign: <i>[Signature]</i>		MSIN: 11-04
Controller	X		Print: V.A. Larson	Date: 8/08/06	Phone: 372-9469
			Sign: <i>[Signature]</i>		MSIN: H0-07

WCH APPROVAL				
Print Name: S.E. Dieterle	Signature: <i>[Signature]</i>	Date: 8/2/06	Phone: 372-9101	MSIN: 11-04

OHC ACCEPTANCE				
Print Name:	Signature:	Date:	Phone:	MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

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Forward original to R&DC (MSIN H0-30) for the following distributions:

• WCH: All signatories shown above	OHC Distribution
• OHC	FH Work Request (FDH)
• Others	Joseph - G. Caudill@rl.gov
	Rita - F. Faye - Hilbert@rl.gov

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Washington Closure Hanford
 3070 George Washington Way
 Richland, WA 99354

FEB 07 2006

WCH SUPPLEMENTAL WORK ORDER

1. Performing OHC FH		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year		4. Work Order # WB6006	
OHC ID #		Phone # 376-5182		MSIN L4-19		FY06	
						5. Supplement # 1	
6. Code of Account(s) ERCHRB 2W12, ERCHRB 2W15, ABJ500 YA11, R1301N 8000, R11NX3 Y000							
7. Title Herbicide and Pesticide Application Support							
8. Reason for Supplement (attach additional sheets, if needed) Additional scope and funding added							
9. Start Date 1/23/06		10. Termination Date 9/30/06		11. Original Estimate \$33,000		12. Supplemental Amount \$15,000	
						13. Revised Total (not to exceed) \$48,000	
14. Supplemental Work Order Documents							
Supplemental Work Order (include this sheet) form WCH-DE-006D						Included	Not Applicable
Detailed Description of Work (form WCH-DE-006B) (3 Pages)						✓	
WO - Submittal Summary Sheet (form WCH-DE-006C) (if required)							✓
Description of the Changes in the Supplement (Pages)							✓
WCH APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)							
15. Originator		Print: A.L. Johnson		Payroll #: 72789		Phone: 372-8288	
		Sign: <i>A.L. Johnson</i>		Date: 2/6/06		MSIN: H0-03	
16. Quality Assurance & Services		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
17. Safety & Health		Print: S.R. Coleman		Payroll #: 87431		Phone: 376-8481	
		Sign: <i>S.R. Coleman</i>		Date: 1/24/06		MSIN: L1-04	
18A. Information Systems & Technology		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18B. Design Engineering		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18C. Environmental Engineering		Print: J.W. Golden		Payroll #: 73179		Phone: 372-8210	
		Sign: <i>J.W. Golden</i>		Date: 1/30/06		MSIN: L1-04	
19. Field Support		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
20. Planning & Controls		Print: G. Salazar		Payroll #: 81819		Phone: 372-9101	
		Sign: <i>G. Salazar</i>		Date:		MSIN: L1-04	
21. Procurement		Print: R.H. Houston		Payroll #: 72937		Phone: 375-4670	
		Sign: <i>R.H. Houston</i>		Date: 2/7/06		MSIN: H0-04	
22. Project/Functional Manager		Print: S.E. Dieterle		Payroll #: 95499		Phone: 372-9503	
		Sign: <i>S.E. Dieterle</i>		Date: 1/16/06		MSIN: L1-04	
23. Financial Services		Print: M. Rau		Payroll #: 72266		Phone: 372-9020	
		Sign: <i>M. Rau</i>		Date: 2/7/06		MSIN: H0-07	
24. OHC Acceptance <input checked="" type="checkbox"/>		Print:		Date:		Phone:	
OHC Rejection <input type="checkbox"/>		Sign:		Date:		MSIN:	

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

The WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The WCH will provide advance notification of any assessments and /or audits to be performed of the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

- WCH DISTRIBUTION: All signatories shown above
- OHC
- Others

Name: *Jay Chiles* MSIN: *8/24/06*
 Name: _____ MSIN: _____

OHC Distribution
 AFH Work Request (FDH)
 wayne_w_walton@rl.gov (CHG)
 tiffany.mullen@pnl.gov (PNNL)



Washington Closure Hanford
3070 George Washington Way
Richland, WA 99354

FEB 07 2006

WCH SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year		4. Work Order # WB6006	
OHC ID #		Phone # 376-5182	MSIN L4-19	FY06		5. Supplement # 1	
6. Code of Account(s) ERCHRB 2W12, ERCHRB 2W15, A8J500 YA11, R1301N 8000, R11NX3 Y000							
7. Title Herbicide and Pesticide Application Support							
8. Reason for Supplement (attach additional sheets, if needed) Additional scope and funding added							
9. Start Date 1/23/06		10. Termination Date 9/30/06		11. Original Estimate \$33,000		12. Supplemental Amount \$15,000	
13. Revised Total (not to exceed) \$48,000							
14. Supplemental Work Order Documents				Included		Not Applicable	
Supplemental Work Order (include this sheet) form WCH-DE-006D				✓			
Detailed Description of Work (form WCH-DE-006B) (3 Pages)				✓			
WO - Submittal Summary Sheet (form WCH-DE-006C) (if required)						✓	
Description of the Changes in the Supplement (Pages)						✓	
WCH APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)							
15. Originator		Print: A.L. Johnson		Payroll #: 72789		Phone: 372-9288	
		Sign: <i>A.L. Johnson</i>		Date: 2/6/06		MSIN: H9-03	
16. Quality Assurance & Services		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
17. Safety & Health		Print: S.R. Coleman		Payroll #: 87431		Phone: 376-8481	
		Sign: <i>S.R. Coleman</i>		Date: 1/24/06		MSIN: L1-04	
18A. Information Systems & Technology		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18B. Design Engineering		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18C. Environmental Engineering		Print: J. W. Golden		Payroll #: 73179		Phone: 372-9210	
		Sign: <i>J.W. Golden</i>		Date: 1/30/06		MSIN: L1-04	
19. Field Support		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
20. Planning & Controls		Print: S.G. Salazar		Payroll #: 81619		Phone: 372-9101	
		Sign: <i>S.G. Salazar</i>		Date:		MSIN: L1-04	
21. Procurement		Print: M.H. Houston		Payroll #: 72937		Phone: 375-4670	
		Sign: <i>M.H. Houston</i>		Date: 2/7/06		MSIN: H0-04	
22. Project/Functional Manager		Print: S.E. Dieterle		Payroll #: 95499		Phone: 372-9503	
		Sign: <i>S.E. Dieterle</i>		Date: 1/31/06		MSIN: L1-04	
23. Financial Services		Print: M. Rau		Payroll #: 72266		Phone: 372-9020	
		Sign: <i>M. Rau</i>		Date: 2/7/06		MSIN: H0-07	
24. OHC Acceptance <input type="checkbox"/>		Print:		Date:		Phone:	
OHC Rejection <input type="checkbox"/>		Sign:		Date:		MSIN:	

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

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Forward original to R&DC (MSIN H0-30) for the following distributions:

- WCH DISTRIBUTION: All signatories shown above
- OHC Name MSIN
- Others Name MSIN

- OHC Distribution**
- ^FH Work Request (FDH)
 - wayne_w_walton@rl.gov (CHG)
 - tiffany.mullen@pnl.gov (PNNL)



Washington Closure Hanford

3070 George Washington Way

Richland, WA 99354

WCH WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Juan Rodriguez	6BE-8352	A.L. Johnson	FY06	WB6006

Scope of Work:

This Statement of Work describes the selective and nonselective herbicide applications to Washington Closure Hanford (WCH) facilities and waste sites through September 30, 2005. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

This SOW includes application of selective and non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing WCH weekly copies of application records to treatments to WCH sites, and weekly written status reporting to the WCH Technical Point of contact. See "Deliverables" section for additional discussion.

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1.0 Subcontractor will supply chemical for selective sites Phase I (April 1 to May 15) 8 oz Overdrive plus 2qt Veteran 720 per acre. Phase II if needed (May 16 to July 1) 1/3 oz Escort plus 4 qt Veteran 720 per acre. Phase III As Needed spot applications shall utilize a mixture ET Herbicide 2.5 oz plus Roundup 2% per acre.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for communicating WCH inventory and when materials are required in a timely manner to the WCH Technical Point of Contact.

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact. All herbicide applications within WCH managed areas must be scheduled at least 24 hours in advance to ensure proper employee notification.

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by WCH without prior discussion/approval of the WCH Technical Point of Contact.

NEW SCOPE: Revegetation of 15 acres at the 100 N Area

1. Approximately 10 acres at the 100 N Area HGP area shall have the top 12 inches ripped with a spring tooth drawn implement or approved equivalent.

2. Approximately 15 acres shall be mulched with grass straw. The straw bales to be used as mulch will be 4ft by 4ft by 8 ft weighing approx 1200 lbs each. Mulch shall be distributed with a Case tub mulcher at a rate of 2000 lbs/ac. Areas mulched during a day must be crimped before leaving each evening.

3. The entire straw mulched area will be crimped with a Finn crimper having 12 inch straight discs with scalloped edges.

4. The entire crimped area shall be irrigated with an additional 2500 gallons of water per acre and planted with 400- 10 cubic inch sagebrush plugs per acre.

- Each sagebrush shall be planted to ensure the entire root structure and soil plug is completely buried.
- The canopy of the tubing shall be positioned in an upright stance upon completion of each installation.
- Each sagebrush plant shall have the roots planted straight down, no J planting.
- Only one sagebrush plant shall be planted per hole
- Do not plant sagebrush within 50 ft of any road
- Do not plant any sagebrush within 100 ft of any ground water monitoring well or above ground pipeline
- Sagebrush shall be planted at least 4 ft apart, but no more than 10 feet apart.

2.0 Directives, Codes, and Standards:

WAC-16-228 and WAC-16-229

All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH direction.

3.0 Specific Services/Special Instructions:

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact.

4.0 Work Not Included:

WCH employee notifications.

Seeding or fertilizing

5.0 References:

n/a

6.0 Schedule:

Bareground Pre-emergent 11/1/05 to 3/31/06

Selective Phase I: 4/1/06 to 5/15/06

Selective Phase II (if needed): 5/16/06 to 7/1/06

As Needed Applications: 6/15/06 to 9/30/06

N Springs Mulberries: 9/1/06 to 9/30/06

Hours available for work: Monday through Thursday 0600 – 1630. No workers allowed on the project site outside of WCH established work hours.

The 15 acres shall have all ripping, mulching, irrigating, and sagebrush installation complete by February 23, 2006.

7.0 Procurement:

n/a

8.0 Permits:

The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and WCH Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

*** Must work under scope and limitations of excavation permit DAN-2823**

*** Must adhere to all direction provided in WCH Nonemergency Hydrant Tie-in permit**

9.0 QA&S Requirements:

If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

10.0 S&H Requirements:

All workers must be performing under Hazard Control Documentation and in compliance with approved safety plan. Prior to any herbicide application to areas of the Hanford site under WCH management, an all employee message shall be distributed to all WCH employees specifying areas to be treated, chemical to be applied and time of application. As a result, no last minute, in the field scope changes are permitted to ensure safety to employees and the environment. At least 24 hours prior to treating areas around WCH Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the Technical Point of Contact to ensure employee safety and notification is maintained.

11.0 IS&T Requirements:

n/a

12.0 DE Requirements:

n/a

13.0 Environmental Engineering Requirements:

n/a

14.0 FS Requirements:

n/a

15.0 Acceptance Criteria:

n/a

16.0 Meetings/Reports/Activities:

n/a

17.0 Deliverables:

- Daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, due the day following the application.
- Copies of application record to WCH area upon request.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to technical point of contact.

- **Daily report for each day work is performed on 100 N Area revegetation project. Report shall include task performed per acre (ie ripped 6 acres or planted 3,000 sagebrush) and employee and equipment hours charged for the day.**

18.0 Submittals:

- Cell phone number list for all applicators
- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to Technical Point of Contact.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to Technical Point of Contact.

19.0 WCH Task Management:

April L. Johnson

20.0 Invoicing Requirements:

Work order charges should be identified by application date and employee at time of invoice.

21.0 Attachments to the Work Order:

n/a



Washington Closure Hanford

3070 George Washington Way
Richland, WA 99354

NOV 09 2005

WCH WORK ORDER

1. Performing OHC FFI	2. OHC Point of Contact Juan Rodriguez	3. Issuing Organization	4. Fiscal Year	5. Work Order #
OHC ID #	Phone # 378-5182	MSIN L4-19	6BE-2120	FY06
6. Code of Account(s) ERCHRB 2W15, A&J500 YA11, R1301N 8000, R11NX3 Y000				

7. Start Date 11/1/05	8. Termination Date 9/30/06	NOTE: Expenditures under this work order are NOT TO EXCEED authorized funds.	9. Authorized Funds \$33,000
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10. Title
Herbicide and Pesticide Application Support

11. Work Order Documents	Included	Not Applicable
Work Order (includes this sheet) - form WCH-DE-006A	✓	
Detailed Description of Work (form WCH-DE-006B) (3 Pages)	✓	
Work Order - Submittal Summary Sheet (form WCH-DE-006C) (Pages) (if required)		✓
12. Anticipated Oversight (as identified on form WCH-DE-006B, Sections 9 through 14)	✓	

WCH APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)

13. Originator	Print: A. L. Johnson Sign: <i>[Signature]</i>	Payroll #: 72789 Date: 11/9/05	Phone: 372-8288 MSIN: H9-03
14. Quality Assurance & Services	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
16. Safety & Health	Print: S. R. Coleman Sign: <i>[Signature]</i>	Payroll #: 87431 Date: 11/2/05	Phone: 378-8481 MSIN: L1-04
16A. Information Systems & Technology	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
16B. Design Engineering	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
16C. Environmental Engineering	Print: J. W. Golden Sign: <i>[Signature]</i>	Payroll #: 73179 Date: 11/3/05	Phone: 372-9210 MSIN: L1-04
17. Field Support	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
18. Planning & Controls	Print: S. G. Salazar Sign: <i>[Signature]</i>	Payroll #: 81819 Date:	Phone: 372-9101 MSIN: L1-04
19. Procurement & Property	Print: D. H. Houston Sign: <i>[Signature]</i>	Payroll #: 72937 Date: 11/9/05	Phone: 375-4670 MSIN: H0-04
20. Project/Functional Manager	Print: S. E. Dietzle Sign: <i>[Signature]</i>	Payroll #: 95489 Date: 11/1/05	Phone: 372-9503 MSIN: L1-04
21. Financial Services	Print: M. A. Rau Sign: <i>[Signature]</i>	Payroll #: 72298 Date: 11/4/05	Phone: 372-9020 MSIN: H0-07
22. OHC Acceptance	Print: Sign:	Date:	Phone: MSIN:
OHC Rejection	Print: Sign:	Date:	Phone: MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH - R&DC, MSIN H0-30

The WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

- WCH: All signatories shown above
- OHC: *[Signature]* Name: *[Name]* MSIN: *[MSIN]*
- Others: *[Signature]* Name: *[Name]* MSIN: *[MSIN]*

OHC Distribution

- AFH Work Request (FDH)
- wayne_w_watson@rl.gov (CHG)
- tiffany.mullen@prl.gov (PNNL)



Washington Closure Hanford

3070 George Washington Way
Richland, WA 99354

NOV 09 2005

WCH WORK ORDER

1. Performing OHC FHI	2. OHC Point of Contact Juan Rodriguez	3. Issuing Organization	4. Fiscal Year	5. Work Order #
OHC ID #	Phone # 376-5182	MSIN L4-19	6BE-2120	FY06
6. Code of Account(s) ERCHRB 2W15, A8J500 YA11, R1301N 8000, R11NX3 Y000				
7. Start Date 11/1/05	8. Termination Date 9/30/06	NOTE: Expenditures under this work order are NOT TO EXCEED authorized funds.		9. Authorized Funds \$33,000

10. Title
Herbicide and Pesticide Application Support

11. Work Order Documents	Included	Not Applicable
Work Order (includes this sheet) – form WCH-DE-006A	✓	
Detailed Description of Work (form WCH-DE-006B) (3 Pages)	✓	
Work Order – Submittal Summary Sheet (form WCH-DE-006C) (_____ Pages) (if required)		✓
12. Anticipated Oversight (as identified on form WCH-DE-006B, Sections 9 through 14)	✓	

WCH APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)

13. Originator	Print: A. L. Johnson Sign: <i>A. L. Johnson</i>	Payroll #: 72789 Date: 11/9/05	Phone: 372-9288 MSIN: H9-03
14. Quality Assurance & Services	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
15. Safety & Health	Print: S. R. Coleman Sign: <i>S. R. Coleman</i>	Payroll #: 87431 Date: 11/2/05	Phone: 376-8481 MSIN: L1-04
16A. Information Systems & Technology	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
16B. Design Engineering	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
16C. Environmental Engineering	Print: J. W. Golden Sign: <i>J. W. Golden</i>	Payroll #: 73179 Date: 11/3/05	Phone: 372-9210 MSIN: L1-04
17. Field Support	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
18. Planning & Controls	Print: S. G. Salazar Sign: <i>S. G. Salazar</i>	Payroll #: 81619 Date:	Phone: 372-9101 MSIN: L1-04
19. Procurement & Property	Print: D. H. Houston Sign: <i>D. H. Houston</i>	Payroll #: 72937 Date: 11/9/05	Phone: 375-4670 MSIN: H0-04
20. Project/Functional Manager	Print: S. E. Dieterle Sign: <i>S. E. Dieterle</i>	Payroll #: 95499 Date: 11/3/05	Phone: 372-9503 MSIN: L1-04
21. Financial Services	Print: M. A. Rau Sign: <i>M. A. Rau</i>	Payroll #: 72266 Date: 11/9/05	Phone: 372-9020 MSIN: H0-07
22. OHC Acceptance <input type="checkbox"/>	Print:	Date:	Phone:
OHC Rejection <input type="checkbox"/>	Sign:	Date:	MSIN:

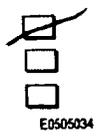
OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO WCH – R&DC, MSIN H0-30

The WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with WCH requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The WCH will provide advance notification of any assessments and/or audits to be performed on the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor. Forward original to R&DC (MSIN H0-30) for the following distributions:

- WCH: All signatories shown above
- OHC _____ Name _____ MSIN _____
- Others _____ Name _____ MSIN _____

OHC Distribution
 ^FH Work Request (FDH)
 wayne_w_walton@rl.gov (CHG)
 tiffany.mullen@prnl.gov (PNNL)





Washington Closure Hanford

3070 George Washington Way
Richland, WA 99354

WCH WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FHI	Juan Rodriguez	6BE-8352	A.L. Johnson	FY06	WB6006

(All sections must be completed or write N/A)

1.0 Scope of Work:

This Statement of Work describes the selective and nonselective herbicide applications to Washington Closure Hanford (WCH) facilities and waste sites through September 30, 2005. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

This SOW includes application of selective and non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing WCH weekly copies of application records to treatments to WCH sites, and weekly written status reporting to the WCH Technical Point of contact. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH Technical Point of Contact direction.

WCH will provide all preemergent herbicides for nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara" for liquid applications, or "300 lbs/ac Topsoil or Weedblast" for granular materials.

Subcontractor will supply chemical for selective sites Phase I (April 1 to May 15) 8 oz Overdrive plus 2qt Veteran 720 per acre. Phase II if needed (May 16 to July 1) 1/3 oz Escort plus 4 qt Veteran 720 per acre. Phase III As Needed spot applications shall utilize a mixture ET Herbicide 2.5 oz plus Roundup 2% per acre.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for communicating WCH inventory and when materials are required in a timely manner to the WCH Technical Point of Contact.

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact. All herbicide applications within WCH managed areas must be scheduled at least 24 hours in advance to ensure proper employee notification.

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by WCH without prior discussion/approval of the WCH Technical Point of Contact.

2.0 Directives, Codes, and Standards:

WAC-16-228 and WAC-16-229

All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH direction.

3.0 Specific Services/Special Instructions:

All applications shall be coordinated and scheduled through Technical Point of Contact. If an application is postponed or canceled contact Technical Point of Contact immediately for rescheduling. Do not reschedule with field personnel unless confirmed through Technical Point Contact.

4.0 Work Not Included:

WCH employee notifications.

5.0 References:

n/a

6.0 Schedule:

Bareground Pre-emergent 11/1/05 to 3/31/06

Selective Phase I: 4/1/06 to 5/15/06

Selective Phase II (if needed): 5/16/06 to 7/1/06

As Needed Applications: 6/15/06 to 9/30/06

N Springs Mulberries: 9/1/06 to 9/30/06

7.0 Procurement:

n/a

8.0 Permits:

The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and WCH Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

9.0 QA&S Requirements:

If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

10.0 S&H Requirements:

All workers must be performing under Hazard Control Documentation and in compliance with approved safety plan. Prior to any herbicide application to areas of the Hanford site under WCH management, an all employee message shall be distributed to all WCH employees specifying areas to be treated, chemical to be applied and time of application. As a result, no last minute, in the field scope changes are permitted to ensure safety to employees and the environment. At least 24 hours prior to treating areas around WCH Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the Technical Point of Contact to ensure employee safety and notification is maintained.

11.0 IS&T Requirements:

n/a

12.0 DE Requirements:

n/a

13.0 Environmental Engineering Requirements:

n/a

14.0 FS Requirements:

n/a

15.0 Acceptance Criteria:

n/a

16.0 Meetings/Reports/Activities:

n/a

17.0 Deliverables:

- Daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, due the day following the application.
- Copies of application record to WCH area upon request.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to technical point of contact.

18.0 Submittals:

- Cell phone number list for all applicators
- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to Technical Point of Contact.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to Technical Point of Contact.

19.0 WCH Task Management:

April L. Johnson

20.0 Invoicing Requirements:

Work order charges should be identified by application date and employee at time of invoice.

21.0 Attachments to the Work Order:

n/a



Bechtel Hanford, Inc.
 3070 George Washington Way
 Richland, WA 99354

MAY 25 2005

ERC SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year FY2005		4. Work Order # DB5037	
OHC ID #		Phone # 376-5128		MSIN L4-19		5. Supplement # 2	
6. Code of Account(s) ERCHRB2W13, A8J500YA11, R11KX18000, R1301N8000							
7. Title Herbicide / Pesticide Application Support							
8. Reason for Supplement (attach additional sheets, if needed) Extended performance period and funding							
9. Start Date 4/1/05		10. Termination Date 9/30/05		11. Original Estimate \$28,000		12. Supplemental Amount \$5,000	
13. Revised Total (not to exceed) \$33,000							
14. Supplemental Work Order Documents				Included		Not Applicable	
Supplemental Work Order (include this sheet) form BHI-DE-006D				✓			
Detailed Description of Work (form BHI-DE-006B) (____ Pages)						✓	
WO -- Submittal Summary Sheet (form BHI-DE-006C) (if required)						✓	
Description of the Changes in the Supplement (____ Pages)						✓	
BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)							
15. Originator		Print: AL Johnson Sign: <i>AL Johnson</i>		Payroll #: 72789 Date: 3/22/05		Phone: 372-9185 MSIN: H0-23	
16. Quality Assurance & Services		Print: N/A Sign:		Payroll #: Date:		Phone: MSIN:	
17. Safety & Health		Print: N/A Sign:		Payroll #: Date:		Phone: MSIN:	
18A. Information Systems & Technology		Print: N/A Sign:		Payroll #: Date:		Phone: MSIN:	
18B. Design Engineering		Print: N/A Sign:		Payroll #: Date:		Phone: MSIN:	
18C. Environmental Engineering		Print: N/A Sign:		Payroll #: Date:		Phone: MSIN:	
19. Field Support		Print: N/A Sign:		Payroll #: Date:		Phone: MSIN:	
20. Planning & Controls		Print: JP Petty Sign: <i>JP Petty 5/23/05</i>		Payroll #: 73082 Date: 3/22/05		Phone: 373-5474 MSIN: X5-50	
21. Procurement		Print: DN Houston Sign: <i>DN Houston</i>		Payroll #: 72937 Date: <i>5/25/05</i>		Phone: 375-4670 MSIN: H0-04	
22. Project/Functional Manager		Print: JJ McGinnis Sign: <i>JJ McGinnis</i>		Payroll #: 72175 Date: 3/22/05		Phone: 373-7253 MSIN: X5-50	
23. Financial Services		Print: ME Rau Sign: <i>ME Rau</i>		Payroll #: 72266 Date: <i>5/25/05</i>		Phone: 372-9020 MSIN: H0-23	
24. OHC Acceptance <input checked="" type="checkbox"/>		Print: <i>RB Edwards</i> Sign: <i>RB Edwards</i>		Date: <i>6/1/05</i>		Phone: <i>376-7175</i> MSIN: <i>H7-01</i>	
OHC Rejection <input type="checkbox"/>							
OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI - DIS, MSIN H9-04							

The ERC reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with ERC requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The ERC will provide advance notification of any assessments and/or audits to be performed of the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

Forward original to DIS (MSIN H9-04) for the following distributions:

- BHI DISTRIBUTION: All signatories shown above

• OHC	Name	MSIN	RECEIVED BY DIS 06/01/2005
_____	_____	_____	
• Others	Name	MSIN	
_____	_____	_____	

OHC Distribution

- ^FH Work Request (FDH)
- Lawrence_R_Andros@rl.gov (CHG)
- tiffany.mullen@pnl.gov (PNNL)

E0400043



Bechtel Hanford, Inc.
 3070 George Washington Way
 Richland, WA 99354

MAY 25 2005

ERC SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year FY2005		4. Work Order # DB5037	
OHC ID #		Phone # 376-5128		MSIN L4-19		5. Supplement # 2	
6. Code of Account(s) ERCHRB2W13, A8J500YA11, R11KX18000, R1301N8000							
7. Title Herbicide / Pesticide Application Support							
8. Reason for Supplement (attach additional sheets, if needed) Extended performance period and funding							
9. Start Date 4/1/05		10. Termination Date 9/30/05		11. Original Estimate \$28,000		12. Supplemental Amount \$5,000	
13. Revised Total (not to exceed) \$33,000							
14. Supplemental Work Order Documents				Included		Not Applicable	
Supplemental Work Order (include this sheet) form BHI-DE-006D				✓			
Detailed Description of Work (form BHI-DE-006B) (____ Pages)						✓	
WO – Submittal Summary Sheet (form BHI-DE-006C) (if required)						✓	
Description of the Changes in the Supplement (____ Pages)						✓	

BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)

15. Originator	Print: AL Johnson	Payroll #: 72789	Phone: 372-9185
	Sign: <i>AL Johnson</i>	Date: 3/22/05	MSIN: H0-23
16. Quality Assurance & Services	Print: N/A	Payroll #:	Phone:
	Sign:	Date:	MSIN:
17. Safety & Health	Print: N/A	Payroll #:	Phone:
	Sign:	Date:	MSIN:
18A. Information Systems & Technology	Print: N/A	Payroll #:	Phone:
	Sign:	Date:	MSIN:
18B. Design Engineering	Print: N/A	Payroll #:	Phone:
	Sign:	Date:	MSIN:
18C. Environmental Engineering	Print: N/A	Payroll #:	Phone:
	Sign:	Date:	MSIN:
19. Field Support	Print: N/A	Payroll #:	Phone:
	Sign:	Date:	MSIN:
20. Planning & Controls	Print: JP Petty	Payroll #: 73082	Phone: 373-5474
	Sign: <i>JP Petty 5/23/05</i>	Date: 3/22/05	MSIN: X5-50
21. Procurement	Print: DN Houston	Payroll #: 72937	Phone: 375-4670
	Sign: <i>DN Houston</i>	Date: <i>5/25/05</i>	MSIN: H0-04
22. Project/Functional Manager	Print: JJ McGinnis	Payroll #: 72175	Phone: 373-7253
	Sign: <i>JJ McGinnis</i>	Date: 3/22/05	MSIN: X5-50
23. Financial Services	Print: ML Rau	Payroll #: 72266	Phone: 372-9020
	Sign: <i>ML Rau</i>	Date: <i>5/25/05</i>	MSIN: H0-23
24. OHC Acceptance <input type="checkbox"/>	Print:		Phone:
OHC Rejection <input type="checkbox"/>	Sign:	Date:	MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI – DIS, MSIN H9-04

The ERC reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with ERC requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The ERC will provide advance notification of any assessments and /or audits to be performed of the subject work.

NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

Forward original to DIS (MSIN H9-04) for the following distributions:

- BHI DISTRIBUTION: All signatories shown above
- OHC

Name	MSIN
_____	_____
- Others

Name	MSIN
_____	_____

OHC Distribution

- ^FH Work Request (FDH)
- Lawrence_R_Andros@rl.gov (CHG)
- tiffany.mullen@pnl.gov (PNNL)



Bechtel Hanford, Inc.
3070 George Washington Way
Richland, WA 99354

MAR 22 2005

ERC SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year	4. Work Order # DB5037
OHC ID #		Phone # 376-5128	MSIN L4-19	FY2005	5. Supplement # 1
6. Code of Account(s) ERCHRB2W13, ABJ500YA11, R11KX18000, R1301N8000					
7. Title Herbicide / Pesticide Application Support					
8. Reason for Supplement (attach additional sheets, if needed) Extended performance period and funding					
9. Start Date 4/1/05	10. Termination Date 5/31/05	11. Original Estimate \$20,000	12. Supplemental Amount \$ 8,000	13. Revised Total (not to exceed) \$ 28,000	
14. Supplemental Work Order Documents			Included	Not Applicable	
Supplemental Work Order (include this sheet) form BHI-DE-006D			✓		
Detailed Description of Work (form BHI-DE-006B) (____ Pages)				✓	
WO - Submittal Summary Sheet (form BHI-DE-006C) (if required)				✓	
Description of the Changes in the Supplement (____ Pages)				✓	
BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)					
15. Originator	Print: AL Johnson	Payroll #: 72789	Phone: 372-9185		
	Sign: <i>AL Johnson</i>	Date: 3/22/05	MSIN: H0-23		
16. Quality Assurance & Services	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
17. Safety & Health	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
18A. Information Systems & Technology	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
18B. Design Engineering	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
18C. Environmental Engineering	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
19. Field Support	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
20. Planning & Controls	Print: JP Petty	Payroll #: 73082	Phone: 373-5474		
	Sign: <i>Ray Munkler For J.P. Petty</i>	Date: 3/22/05	MSIN: X5-50		
21. Procurement	Print: DH Houston	Payroll #: 72937	Phone: 375-4670		
	Sign: <i>Walter H. Hunt</i>	Date: 3/22/05	MSIN: H0-04		
22. Project/Functional Manager	Print: JJ McGuire	Payroll #: 72175	Phone: 373-7253		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: X5-50		
23. Financial Services	Print: ML Rait	Payroll #: 72266	Phone: 372-9020		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: H0-23		
24. OHC Acceptance <input checked="" type="checkbox"/>	Print: <i>[Signature]</i>	Payroll #:	Phone: 376-7175		
OHC Rejection <input type="checkbox"/>	Sign: <i>[Signature]</i>	Date: 4/18/05	MSIN: H7-01		
OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI - DIS, MSIN H9-04					

The ERC reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with ERC requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The ERC will provide advance notification of any assessments and/or audits to be performed of the subject work.

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- BHI DISTRIBUTION: All signatories shown above
- OHC Name _____ MSIN _____
- Others Name _____ MSIN _____

OHC Distribution

- ^FH Work Request (FDH)
- Lawrence_R_Andros@rl.gov (CHG)
- teresa.jenkins@pnl.gov (PNNL)

RECEIVED
BY DIS
04/25/2005

EH409043



Bechtel Hanford, Inc.
 3070 George Washington Way
 Richland, WA 99354

MAR 22 2005

ERC SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year FY2005		4. Work Order # DB5037	
OHC ID #		Phone # 376-5128	MSIN L4-19		5. Supplement # 1		
6. Code of Account(s) ERCHRB2W13, A8J500YA11, R11KX18000, R1301N8000							
7. Title Herbicide / Pesticide Application Support							
8. Reason for Supplement (attach additional sheets, if needed) Extended performance period and funding							
9. Start Date 4/1/05		10. Termination Date 5/31/05		11. Original Estimate \$20,000		12. Supplemental Amount \$ 8,000	
						13. Revised Total (not to exceed) \$28,000	
14. Supplemental Work Order Documents				Included	Not Applicable		
Supplemental Work Order (include this sheet) form BHI-DE-006D				✓			
Detailed Description of Work (form BHI-DE-006B) (____ Pages)					✓		
WO - Submittal Summary Sheet (form BHI-DE-006C) (if required)					✓		
Description of the Changes in the Supplement (____ Pages)					✓		
BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)							
15. Originator		Print: AL Johnson		Payroll #: 72789		Phone: 372-9185	
		Sign: <i>[Signature]</i>		Date: 3/22/05		MSIN: H0-23	
16. Quality Assurance & Services		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
17. Safety & Health		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18A. Information Systems & Technology		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18B. Design Engineering		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
18C. Environmental Engineering		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
19. Field Support		Print: N/A		Payroll #:		Phone:	
		Sign:		Date:		MSIN:	
20. Planning & Controls		Print: JP Petty		Payroll #: 73082		Phone: 373-5474	
		Sign: <i>[Signature]</i>		Date: 3/22/05		MSIN: X5-50	
21. Procurement		Print: DH Houston		Payroll #: 72937		Phone: 375-4670	
		Sign: <i>[Signature]</i>		Date: 3/22/05		MSIN: H0-04	
22. Project/Functional Manager		Print: JJ McGuire		Payroll #: 72175		Phone: 373-7253	
		Sign: <i>[Signature]</i>		Date: 3/22/05		MSIN: X5-50	
23. Financial Services		Print: ML Rau		Payroll #: 72266		Phone: 372-9020	
		Sign: <i>[Signature]</i>		Date: 3/22/05		MSIN: H0-23	
24. OHC Acceptance <input type="checkbox"/>		Print:		Date:		Phone:	
OHC Rejection <input type="checkbox"/>		Sign:		Date:		MSIN:	
OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI - DIS, MSIN H9-04							

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- OHC Name MSIN
- Others Name MSIN

OHC Distribution

^FH Work Request (FDH)
 Lawrence_R_Andros@rl.gov (CHG)
 teresa.jenkins@pnl.gov (PNNL)

E0409043



Bechtel Hanford, Inc.
3070 George Washington Way
Richland, WA 99354

MAR 22 2005

ERC SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year	4. Work Order # DB5037
OHC ID #		Phone # 376-5128	MSIN L4-19	FY2005	5. Supplement # 1
6. Code of Account(s) ERCHRB2W13, A8J500YA11, R11KX18000, R1301N8000					
7. Title Herbicide / Pesticide Application Support					
8. Reason for Supplement (attach additional sheets, if needed) Extended performance period and funding					
9. Start Date 4/1/05	10. Termination Date 5/31/05	11. Original Estimate \$20,000	12. Supplemental Amount \$ 8,000	13. Revised Total (not to exceed) \$ 28,000	
14. Supplemental Work Order Documents			Included	Not Applicable	
Supplemental Work Order (include this sheet) form BHI-DE-006D			✓		
Detailed Description of Work (form BHI-DE-006B) (____ Pages)				✓	
WO - Submittal Summary Sheet (form BHI-DE-006C) (if required)				✓	
Description of the Changes in the Supplement (____ Pages)				✓	
BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)					
15. Originator		Print: AL Johnson	Payroll #: 72789	Phone: 372-9185	
		Sign: <i>AL Johnson</i>	Date: 3/22/05	MSIN: H0-23	
16. Quality Assurance & Services		Print: N/A	Payroll #:	Phone:	
		Sign:	Date:	MSIN:	
17. Safety & Health		Print: N/A	Payroll #:	Phone:	
		Sign:	Date:	MSIN:	
18A. Information Systems & Technology		Print: N/A	Payroll #:	Phone:	
		Sign:	Date:	MSIN:	
18B. Design Engineering		Print: N/A	Payroll #:	Phone:	
		Sign:	Date:	MSIN:	
18C. Environmental Engineering		Print: N/A	Payroll #:	Phone:	
		Sign:	Date:	MSIN:	
19. Field Support		Print: N/A	Payroll #:	Phone:	
		Sign:	Date:	MSIN:	
20. Planning & Controls		Print: JP Petty	Payroll #: 73082	Phone: 373-5474	
		Sign: <i>Ray Munkler for J.P. Petty</i>	Date: 3/22/05	MSIN: X5-50	
21. Procurement		Print: DH Houston	Payroll #: 72937	Phone: 375-4670	
		Sign: <i>Walter H. Hunt</i>	Date: 3/22/05	MSIN: H0-04	
22. Project/Functional Manager		Print: JJ McGuire	Payroll #: 72175	Phone: 373-7253	
		Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: X5-50	
23. Financial Services		Print: ML [Signature]	Payroll #: 72266	Phone: 372-9020	
		Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: H0-23	
24. OHC Acceptance <input checked="" type="checkbox"/>		Print: <i>P.R. Edwards</i>	Date: 4/18/05	Phone: 376-7175	
OHC Rejection <input type="checkbox"/>		Sign: <i>[Signature]</i>		MSIN: H7-01	
OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI - DIS, MSIN H9-04					

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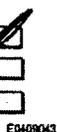
NOTE: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

Forward original to DIS (MSIN H9-04) for the following distributions:

- BHI DISTRIBUTION: All signatories shown above
- OHC Name _____ MSIN _____
- Others Name _____ MSIN _____

OHC Distribution
 ^FH Work Request (FDH)
 Lawrence_R_Andros@rl.gov (CHG)
 teresa.jenkins@pnl.gov (PNNL)

RECEIVED
BY DIS
04/25/2005



ED409043



Bechtel Hanford, Inc.
 3070 George Washington Way
 Richland, WA 99354

MAR 22 2005

ERC SUPPLEMENTAL WORK ORDER

1. Performing OHC FHI		2. OHC Point of Contact Juan Rodriguez		3. Fiscal Year FY2005	4. Work Order # DB5037
OHC ID #		Phone # 376-5128	MSIN L4-19	5. Supplement # 1	
6. Code of Account(s) ERCHRB2W13, A&J500YA11, R11KX18000, R1301N8000					
7. Title Herbicide / Pesticide Application Support					
8. Reason for Supplement (attach additional sheets, if needed) Extended performance period and funding					
9. Start Date 4/1/05	10. Termination Date 5/31/05	11. Original Estimate \$20,000	12. Supplemental Amount \$ 8,000	13. Revised Total (not to exceed) \$28,000	
14. Supplemental Work Order Documents			Included	Not Applicable	
Supplemental Work Order (include this sheet) form BHI-DE-006D			✓		
Detailed Description of Work (form BHI-DE-006B) (____ Pages)				✓	
WO - Submittal Summary Sheet (form BHI-DE-006C) (if required)				✓	
Description of the Changes in the Supplement (____ Pages)				✓	
BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)					
15. Originator	Print: AL Johnson	Payroll #: 72789	Phone: 372-9185		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: H0-23		
16. Quality Assurance & Services	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
17. Safety & Health	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
18A. Information Systems & Technology	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
18B. Design Engineering	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
18C. Environmental Engineering	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
19. Field Support	Print: N/A	Payroll #:	Phone:		
	Sign:	Date:	MSIN:		
20. Planning & Controls	Print: JP Petty	Payroll #: 73082	Phone: 373-5474		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: X5-50		
21. Procurement	Print: DH Houston	Payroll #: 72937	Phone: 375-4670		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: H0-04		
22. Project/Functional Manager	Print: JJ McGuire	Payroll #: 72175	Phone: 373-7253		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: X5-50		
23. Financial Services	Print: ML Raul	Payroll #: 72266	Phone: 372-9020		
	Sign: <i>[Signature]</i>	Date: 3/22/05	MSIN: H0-23		
24. OHC Acceptance <input type="checkbox"/>	Print:	Date:	Phone:		
OHC Rejection <input type="checkbox"/>	Sign:	Date:	MSIN:		
OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI - DIS, MSIN H9-04					

The ERC reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with ERC requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The ERC will provide advance notification of any assessments and /or audits to be performed of the subject work.

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Forward original to Dis (MSIN H9-04) for the following distributions:

- BHI DISTRIBUTION: All signatories shown above

- OHC Name MSIN

- Others Name MSIN

OHC Distribution

^FH Work Request (FDH)
 Lawrence_R_Andros@rl.gov (CHG)
 teresa.jenkins@pnl.gov (PNNL)

ED049043



Bechtel Hanford, Inc.
 3350 George Washington Way
 Richland, WA 99352
ERC WORK ORDER

OCT 19 2004

1. Performing OHC: FH	2. OHC Point of Contact: Juan Rodriguez	3. Issuing Organization 6BE-8352	3. Fiscal Year 2005	4. Work Order # DB5037
OHC ID #	Phone # 376-5128	MSIN L4-19		
Code of Account(s) ERCHRB2W13; A&J500YA11; R11KX18000; & R1301N8000				

7. Start Date 11/1/04	8. Term Date 3/31/05	NOTE: Expenditures under this work order are NOT TO EXCEED authorized funds.	9. Auth Funds \$ 20,000
--------------------------	-------------------------	--	-------------------------

10. Title:
Herbicide / Pesticide Application Support

11. Work Order Documents	Included	Not Applicable
Work Order (includes this sheet) – BHI-DE-006A	✓	
Detailed Description of Work (form BHI-DE-006B) (<u>3</u> Pages)	✓	
Work Order – Submittal Summary Sheet (form BHI-DE-006C) (____ Pages) (if required)		✓

BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)

12. Originator	Print: AL Johnson Sign: <i>AL Johnson</i>	Payroll #: 72789 Date: <i>10/14/04</i>	Phone: 372-9185 MSIN: H0-23
13. Quality Services	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
14. Safety & Health	Print: BJ Hobbs Sign: <i>BJ Hobbs</i>	Payroll #: 6B948 Date: <i>10-14-04</i>	Phone: 372-9238 MSIN: H0-15
15A. Engineering & Technology: Automation Technology	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
15B. Engineering & Technology: Design Engineering	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
15C. Engineering & Technology: Environmental Technology	Print: JW Golden Sign: <i>JW Golden</i>	Payroll #: 73179 Date: <i>10/12/04</i>	Phone: 373-0089 MSIN: X5-50
16. Field Support	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
17. Planning & Controls	Print: JP Petty Sign: <i>JP Petty</i>	Payroll #: 73082 Date: <i>10-12-04</i>	Phone: 373-5474 MSIN: X5-50
18. Procurement	Print: JH Houston Sign: <i>James H. Houston</i>	Payroll #: 72937 Date: <i>10-18-04</i>	Phone: 375-4670 MSIN: H0-04
19. Project/Functional Manager	Print: JJ McGuire Sign: <i>JJ McGuire</i>	Payroll #: 72175 Date: <i>10/12/04</i>	Phone: 373-7253 MSIN: H0-21
20. Controller: Cost Accounting	Print: M Rau Sign: <i>M Rau</i>	Payroll #: 72266 Date: <i>10/19/04</i>	Phone: 372-9020 MSIN: H0-07
21. OHC Acceptance X	Print: <i>P.R. Edwards</i> Sign: <i>Jam Edwards</i>	Date: <i>1/20/04</i>	Phone: <i>376-7175</i> MSIN: <i>H7-01</i>

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI – DIS, MSIN H0-09

The ERC reserves the right to perform quality assurance and regulatory compliance oversight, assessments and/or audits, as appropriate, to ensure that all work performed pursuant to this work order is in compliance with ERC requirements, federal, state and local regulations, and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this work order. The ERC will provide advance notification of any assessments and/or audits to be performed of the subject work.

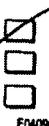
Note: Advanced notification of assessments and/or audits should be tailored to the particular work being furnished by the contractor.

Forward original to DIS (MSIN H0-09) for the following distributions:

- BHI: All signatories shown above
- OHC _____ Name _____ MSIN _____
- Others _____ Name _____ MSIN _____

RECEIVED
BY DIS
01/20/2005

OHC Distribution
 ^FH Work Request (FDH)
 Lawrence_R_Andros@rl.gov (CHG)
 teresa.jenkins@pnl.gov (PNNL)



ED408043



Bechtel Hanford, Inc.
 3350 George Washington Way
 Richland, WA 99352
ERC WORK ORDER

OCT 19 2004

1. Performing OHC: FH	2. OHC Point of Contact: Juan Rodriguez	3. Issuing Organization	3. Fiscal Year	4. Work Order #
OHC ID #	Phone # 376-5128	MSIN L4-19	6BE-8352	2005
DB5037				

Code of Account(s) ERCHRB2W13; A&J500YA11; R11KX18000; & R1301N8000

7. Start Date 11/1/04	8. Term Date 3/31/05	NOTE: Expenditures under this work order are NOT TO EXCEED authorized funds.	9. Auth Funds \$ 20,000
--------------------------	-------------------------	--	-------------------------

10. Title:
Herbicide / Pesticide Application Support

11. Work Order Documents	Included	Not Applicable
Work Order (includes this sheet) – BHI-DE-006A	✓	
Detailed Description of Work (form BHI-DE-006B) (3 Pages)	✓	
Work Order – Submittal Summary Sheet (form BHI-DE-006C) (_____ Pages) (if required)		✓

BHI APPROVALS AND OHC ACCEPTANCE (All signatures must be completed or write N/A)

12. Originator	Print: AL Johnson Sign: <i>AL Johnson</i>	Payroll #: 72789 Date: 10/14/04	Phone: 372-9185 MSIN: H0-23
13. Quality Services	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
14. Safety & Health	Print: BJ Hobbs Sign: <i>BJ Hobbs</i>	Payroll #: 6B948 Date: 10-14-04	Phone: 372-9238 MSIN: H0-15
15A. Engineering & Technology: Automation Technology	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
15B. Engineering & Technology: Design Engineering	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
15C. Engineering & Technology: Environmental Technology	Print: JW Golden Sign: <i>JW Golden</i>	Payroll #: 73179 Date: 10/12/04	Phone: 373-0089 MSIN: X5-50
16. Field Support	Print: n/a Sign:	Payroll #: Date:	Phone: MSIN:
17. Planning & Controls	Print: JP Petty Sign: <i>JP Petty</i>	Payroll #: 73082 Date: 10-12-04	Phone: 373-5474 MSIN: X5-50
18. Procurement	Print: DH Houston Sign: <i>Dennis H. Houston</i>	Payroll #: 72937 Date: 10-18-04	Phone: 375-4670 MSIN: H0-04
19. Project/Functional Manager	Print: JJ McGuire Sign: <i>JJ McGuire</i>	Payroll #: 72175 Date: 10/12/04	Phone: 373-7253 MSIN: H0-21
20. Controller: Cost Accounting	Print: M. Rau Sign: <i>M. Rau</i>	Payroll #: 72266 Date: 10/19/04	Phone: 372-9020 MSIN: H0-07
21. OHC Acceptance	Print: Sign:	Date:	Phone: MSIN:

OHC: PLEASE RETURN THIS SIGNED WORK ORDER WITHIN TEN WORKING DAYS TO BHI – DIS, MSIN H0-09

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- BHI: All signatories shown above
- OHC _____ Name _____ MSIN _____
- Others _____ Name _____ MSIN _____

OHC Distribution
 ^FH Work Request (FDH)
 Lawrence_R_Andros@rl.gov (CHG)
 teresa.jenkins@pnl.gov (PNNL)



E0409043



BECHTEL HANFORD, INC.
 3350 George Washington Way
 Richland, WA 99352

ERC WORK ORDER – DESCRIPTION OF WORK

Performing OHC	OHC Point of Contact	Issuing Org.	Originator	Fiscal Year	Work Order #
FH	Juan Rodriguez 376-5128	6BE-8352	A. L. Johnson	2005	DB5037

(All sections must be completed or write N/A)

1.0 Scope of Work:

This Statement of Work describes the nonselective herbicide applications to Environmental Restoration Contractor (ERC) Facilities Decommissioning waste sites, ERC Facilities, and ERC Remedial Action Project areas through March 31, 2005.

This Scope of Work (SOW) covers all nonselective herbicide applications for ERC areas. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

This SOW includes application of non-selective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing BHI weekly copies of application records to treatments to BHI sites, and weekly written status reporting to the BHI Technical Point of contact. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and BHI direction.

BHI will provide all herbicides for the nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara" for liquid applications, or "300 lbs/acTopsite or Weedblast" for granular materials.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for communicating ERC inventory and when materials are required in a timely manner to the BHI Subcontractor Technical Representative (STR).

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by BHI without prior discussion/approval of the BHI STR.

2.0 Directives, Codes, and Standards:

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Washington State Department of Agriculture General Pesticide Rules, Hanford Site approved Health and Safety Plans, and BHI direction.

3.0 Specific Services/Special Instructions: Should an application be stopped, delayed, or canceled for any reason immediately contact April Johnson at 372-9185. All herbicide applications within ERC managed areas must be scheduled at least 24 hrs in advance to ensure proper employee notifications.

4.0 Work Not Included:

The subcontractor will not be expected to provide site preparations, provide Health Physics support, or provide access control personnel.

5.0 References: N/A

6.0 Schedule:

The schedule is separated into the line items as follows:

Line item 1a: ERC S/M&T project bareground applications ~200 acres

Line item 1b: ERC Facilities bareground applications ~40 acres

Line item 1c: ERC Remedial Action Project ~ 50 acres

This work order authorizes labor and equipment hours associated with bareground applications 11/1/05 through 3/31/05.

The BHI contract is complete on March 31, 2005. As such, this work order has been written to cover the period from October 1 through March 31, 2005.

7.0 Procurement: n/a

8.0 Permits:

The work specified in this work order shall be performed in strict compliance with all Federal, State, U.S. Department of Energy, Hanford Site and BHI Procedures and Regulations. Material applicators shall have a current valid Commercial Pesticide Operator's license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a BHI site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

9.0 QA Requirements:

If deemed necessary, BHI will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

10.0 Safety and Health Requirements:

All workers must be performing under Hazard Control Documentation. Prior to any aerial herbicide application to areas of the Hanford site under ERC management, an all employee message shall be distributed to all ERC employees specifying areas to be treated, chemical to be applied and time of application. No last minute, in the field scope changes are permitted to ensure safety to employees and the environment. At least 24 hours prior to treating areas around ERC Facilities and mobile office (MO) trailers, the treatment schedule shall be discussed with the BHI STR to ensure employee safety and notification is maintained.

11.0 Automation Technology Requirements: n/a

12.0 Design Engineering Requirements: n/a

13.0 Environmental Requirements:

All material shall be applied in strict compliance with all applicable Federal, State, U. S. Department of Energy, Hanford Site, and BHI procedures and regulations. BHI will perform site preparations, provide Health Physics support, and provide necessary access control personnel. Disposal of empty containers, mixed but not used material, gross product, and spilled material shall be the responsibility of the subcontractor and must be handled in accordance with applicable Project Hanford Management Contract, Hanford, State, and Federal procedures and regulations.

14.0 Field Support Requirements:

Contact BHI field superintendents when access questions arise. For access to reactor exclusion areas, a 24- hour notice to BHI for approval and obtaining keys will be required. BHI may choose to have a representative present for all work sites. Close coordination with field support on daily site schedule will be required.

The following BHI superintendents will control access to the following sites:

- Don Eckert to Facilities Decommission Project areas,
- Brett Klinetobe to support Facility sites,
- Claudia Torres to the 100 K Remedial Action Project sites, and
- Jon Fancher 100 N Remedial Action Project Sites.

15.0 Acceptance Criteria: n/a

16.0 Meetings/Reports/Activities:

The subcontractor shall schedule and hold a "kick-off" safety meeting with BHI field personnel involved with spraying activities. A copy of the attendance roster will be provided to BHI. Contact for the safety meeting for BHI Surveillance / Maintenance and Transition (S/M&T) personnel is Don Eckert at 509/ 373-4955.

17.0 Deliverables:

- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to BHI.
 - Copies of Subcontractors Valid Commercial Pesticide Applicators license to BHI.
 - Copies of herbicide application data records submitted weekly to the BHI STR by Wednesday of each of week.
 - Daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, due the day following the application.
 - Quarterly report due within the first week of each quarter listing quantity of remaining chemical.
 - Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to BHI STR.
- Subcontractor shall submit all application records and field map identification sites for continuing WSDA off-target herbicide applications made to BHI sites and supply copies to BHI STR.

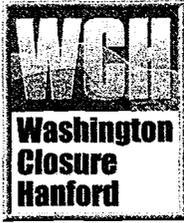
18.0 Submittals: n/a

19.0 BHI Task Management:

The BHI Point of Contact for this work order is April L. Johnson

- Invoicing Requirements:** A copy of labor and equipment hours should be given to April Johnson at the time it is submitted for payment. Spreadsheet should include at a minimum: date application, number of hours worked per applicator, and name of applicator.

21.0 Attachments to the Work Order: n/a



FEB 12 2007

132199

EnergySolutions Federal Services, Inc.
Attn: Ms. Tracy Lippert
345 Hills Street
Richland, WA 99354-5507

Subject: **AWARD OF WASHINGTON CLOSURE HANFORD SUBCONTRACT 0308W-SC-G0361, TITLED "PESTICIDE APPLICATION FOR THE 100, 300, AND 400 AREAS OF THE HANFORD SITE"**

Dear Ms. Lippert:

Washington Closure Hanford LLC (WCH) is awarding EnergySolutions Federal Services, Inc., Subcontract **0308W-SC-G0361** titled "Pesticide Application for the 100, 300, and 400 Areas of the Hanford Site". The items listed below include final copies of all subcontract documents and are dated as of the subcontract start date of January 1, 2007:

- | | |
|--|--------------------|
| 1. Cover Letter | |
| 2. Subcontract Agreement Form | (dated 01/01/2007) |
| 3. Exhibit "A" General Conditions | (dated 04/24/2006) |
| 4. Exhibit "B" Special Conditions | (dated 01/31/2007) |
| 5. Exhibit "C" Schedule of Quantities and Prices | (dated 01/01/2007) |
| 6. Exhibit "D" Scope of Work | (dated 01/22/2007) |

Fully review all documents of the subcontract package, sign, and return one original of the Subcontract Agreement form to the subcontract specialist listed below.

All inquiries should be directed to me at the address listed below, or contact me by phone at (509) 372-9119, by fax at (509) 372-9049, or by email at jedoel@wch-rcc.com.

Sincerely,

Jill Doel
Procurement and Property Management
3070 George Washington Way, MSIN H0-04
Richland, WA 99352

JD: jd

Attachment: Subcontract 0308W-SC-G0361

Ms. Tracy Lippert
Page 2

FEB 12 2007

132199

bcc:

L. J. Dickerson H4-19 w/a
J. Doel H4-17, w/a
A. L. Johnson H4-21, w/a
S. Salazar L1-04, w/a

**WASHINGTON CLOSURE HANFORD LLC
TECHNICAL SERVICES SUBCONTRACT**

SUBCONTRACTOR: EnergySolutions Federal Services, Inc. **SUBCONTRACT NO:** 0308W-SC-G0361
ADDRESS: 345 Hills Street **EFFECTIVE DATE:** January 1, 2007
Richland, WA 99354 **COMPLETION DATE:** December 31, 2007
CONTACT: Ms. Traci Lippert **WORK LOCATION:** Hanford, WA
Contract Administrator
PHONE: 509-375-9538 **ISSUING OFFICE:** Hanford, WA
FAX: 509-371-1806

This Subcontract, entered into this 1st day of January 2007, by Washington Closure Hanford LLC, a corporation organized and existing under the Laws of the State of Idaho (CONTRACTOR) and EnergySolutions Federal Services, Inc., a Corporation duly organized and existing under the Laws of the State of Washington (SUBCONTRACTOR);

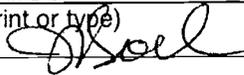
All work specified below, which is a portion of the work and services to be performed by CONTRACTOR for the United States Department of Energy under Contract Number DE-AC06-05RL14655, shall be performed by the SUBCONTRACTOR in accordance with all provisions of this Subcontract, consisting of the following:

SUBCONTRACT AGREEMENT

1. Subcontract Agreement Form (dated 01/01/2007)
 2. Exhibit "A" General Conditions (dated 04/24/2006)
 3. Exhibit "B" Special Conditions (dated 01/31/2007)
 4. Exhibit "C" Schedule of Quantities and Prices (dated 01/01/2007)
 5. Exhibit "D" Scope of Work (dated 01/22/2007)
1. **WORK TO BE PERFORMED:** Except as specified elsewhere in this Subcontract, SUBCONTRACTOR shall furnish all professional services including any labor, materials, tools and supplies, equipment, transportation, supervision, and shall perform all operations necessary and required to satisfactorily provide, Pesticide Application for the 100, 300, and 400 Areas of the Hanford Site as fully described in Exhibit "D".
2. **COMPENSATION:** As full consideration for the satisfactory performance by the SUBCONTRACTOR of this Agreement, Contractor shall pay to the SUBCONTRACTOR compensation in accordance with the Exhibit "C" and in accordance with the payment provisions of this Subcontract.
3. **TERMS AND CONDITIONS:** This subcontract is under Technical Services Subcontract General Conditions Exhibit "A" dated 04/24/06; Technical Services Subcontract Special Conditions Exhibit "B" dated 01/31/2007; Exhibit "C" Form "A" Schedule of Quantities and Prices dated 01/01/2007 and Scope Of Work dated 01/22/2007, and current Representations and Certifications as submitted by EnergySolutions Federal Services, Inc.

Contactor: Washington Closure Hanford, LLC

Subcontractor: EnergySolutions Federal Services, Inc.

By: Jill Doel
(print or type)
Signature: 
Title: Subcontract Specialist

By: _____
(print or type)
Signature: _____
Title: _____

WASHINGTON CLOSURE HANFORD, LLC

EXHIBIT "A"

TECHNICAL SERVICES SUBCONTRACT

GENERAL CONDITIONS

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EXHIBIT "A"

TECHNICAL SERVICES SUBCONTRACT

GENERAL CONDITIONS

GC-1 ENTIRE AGREEMENT

This Subcontract embodies the entire agreement between CONTRACTOR and SUBCONTRACTOR and supersedes all other writings. The parties shall not be bound by or be liable for any statement, representation, promise, inducement or understanding not set forth herein.

GC-2 INDEPENDENT CONTRACTOR

SUBCONTRACTOR represents that it is fully experienced, properly qualified, registered, licensed, equipped, organized, and financed to perform the Work under this Subcontract. SUBCONTRACTOR shall act as an independent contractor and not as the agent of CONTRACTOR or OWNER in performing this Subcontract, maintaining complete control over its employees and all of its lower-tier suppliers and subcontractors. Nothing contained in this Subcontract or any lower-tier purchase order or subcontract awarded by SUBCONTRACTOR shall create any contractual relationship between any lower-tier supplier or subcontractor and either CONTRACTOR or OWNER. SUBCONTRACTOR shall perform the Work hereunder in accordance with its own methods subject to compliance with the Subcontract.

GC-3 AUTHORIZED REPRESENTATIVES

Before starting Work, SUBCONTRACTOR shall designate in writing an authorized representative acceptable to CONTRACTOR to represent and act for SUBCONTRACTOR and shall specify any and all limitations of such representative's authority. Such representative shall be present or be represented at the Site of Work at all times when Work is in progress and shall be empowered to receive communications in accordance with this Subcontract on behalf of SUBCONTRACTOR. During periods when the Work is suspended, arrangements shall be made for an authorized representative acceptable to CONTRACTOR for any emergency Work that may be required. All communications given to the authorized representative by CONTRACTOR in accordance with this Subcontract shall be binding upon SUBCONTRACTOR. CONTRACTOR shall designate in writing one or more representatives to represent and act for CONTRACTOR and to receive communications from SUBCONTRACTOR. Notification of changes of authorized representatives for either CONTRACTOR or SUBCONTRACTOR shall be provided in advance, in writing, to the other party.

GC-4 NOTICES

Any notices provided for hereunder shall be in writing and may be served either personally on the authorized representative of the receiving party at the Site of Work, by facsimile, or by registered mail to the address of that party as shown on the face of the Subcontract Agreement Form or as such address may have been changed by written notice. Notices sent by facsimile shall also be sent by registered mail within seventy-two (72) hours of facsimile transmission.

GC-5 CONTRACT INTERPRETATION

All questions concerning interpretation or clarification of this Subcontract, including the discovery of conflicts, errors and omissions, or the acceptable performance thereof by SUBCONTRACTOR, shall be immediately submitted in writing to CONTRACTOR for resolution. All determinations, instructions, and clarifications of CONTRACTOR shall be final, and conclusive unless determined by a court of competent jurisdiction to have been fraudulent or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence. At all times, SUBCONTRACTOR shall proceed with the Work in accordance with the determinations, instructions and clarifications of CONTRACTOR. SUBCONTRACTOR shall be solely responsible for requesting instructions or interpretations and shall be solely liable for any costs and expenses arising from its failure to do so.

GC-6 ORDER OF PRECEDENCE

The Subcontract Agreement Form, all documents listed therein, and subsequently issued Change Notices and amendments are essential parts of this Subcontract and a requirement occurring in one is binding as though occurring in all. In resolving conflicts, discrepancies, errors or omissions pursuant to the General Condition titled "CONTRACT INTERPRETATION" the following order of precedence shall be used:

1. Subcontract Change Notices and Amendments, if any
2. Subcontract Agreement Form
3. Exhibit "C" - Quantities, Prices and Data
4. Exhibit "B" - Special Conditions
5. Exhibit "A" - General Conditions
6. Exhibit "D" - Scope of Work

GC-7 STANDARDS AND CODES

Wherever references are made in this Subcontract to standards or codes in accordance with which the Work under this Subcontract is to be performed, the edition or revision of the standards or codes current on the effective date of this Subcontract shall apply, unless otherwise expressly stated. In case of any conflict between any referenced standards and codes and any Subcontract Documents, the latter shall govern.

GC-8 LAWS AND REGULATIONS

All applicable laws, ordinances, statutes, rules, regulations, orders or decrees in effect at the time the Work under this Subcontract is performed, shall apply to SUBCONTRACTOR and its employees and representatives.

If during the term of this Subcontract there are changed or new laws, ordinances, statutes, rules, regulations, orders or decrees not known or foreseeable at the time of signing this Subcontract which become effective and which affect the cost or time of performance of this Subcontract, SUBCONTRACTOR shall immediately notify CONTRACTOR in writing and submit detailed documentation of such effect in terms of both time and cost of performing the Subcontract. If the Work is affected by such changed or new laws, ordinances, etc., and CONTRACTOR concurs with the effect of such changes, an equitable adjustment in compensation and time of performance will be made.

If SUBCONTRACTOR discovers any discrepancy or inconsistency between this Subcontract and any law, ordinance, statute, rule, regulation, order or decree, SUBCONTRACTOR shall report the same immediately, in writing, to CONTRACTOR who will issue such further instructions as may be necessary.

GC-9 PERMITS

Except as otherwise specified, SUBCONTRACTOR shall procure and pay for all permits and inspections, other than inspections performed by CONTRACTOR and shall furnish any bonds, security or deposits required to permit performance of the Work hereunder.

GC-10 TAXES

SUBCONTRACTOR shall pay all taxes, levies, duties and assessments of every nature due in connection with the Work under this Subcontract and shall make any and all payroll deductions required by law and hereby indemnifies and holds harmless CONTRACTOR and OWNER from any liability on account of any and all such taxes, levies, duties, assessments and deductions.

GC-11 LABOR, PERSONNEL AND WORK RULES

SUBCONTRACTOR shall employ only competent and skilled personnel to perform the Work under this Subcontract and shall at CONTRACTOR'S or OWNER'S request remove from the Work any

SUBCONTRACTOR personnel unable to obtain a necessary security clearance or determined to be unfit or acting in violation of any provision of this Subcontract.

For Work performed on CONTRACTOR or OWNER premises, SUBCONTRACTOR shall observe CONTRACTOR'S or OWNER'S procedures, regulations and work rules to include, but not limited to, established Jobsite working hours.

SUBCONTRACTOR shall, to the extent permissible under applicable law, comply with the provisions of any CONTRACTOR or OWNER labor agreement(s), e.g. Project Agreement, collective bargaining agreement(s), etc. which apply to the Work under this Subcontract. SUBCONTRACTOR will pay rates of wages and shall observe hours of work and other economic terms and conditions of employment equivalent to those paid and observed by CONTRACTOR or OWNER, all of which shall be subject to CONTRACTOR'S approval.

GC-12 SAFETY AND SECURITY

SUBCONTRACTOR shall at all times conduct all operations under this Subcontract in a manner to avoid risks of bodily harm to persons, damage to any property and fire. SUBCONTRACTOR shall be solely responsible to take all precautions necessary and continuously inspect all Work, materials and equipment to discover, determine and correct any such conditions which may result in any of the aforementioned risks.

SUBCONTRACTOR shall comply with CONTRACTOR'S and OWNER'S Jobsite security requirements and at all times conduct operations under this Subcontract in a manner to avoid the risk of loss, theft, or damage by vandalism, sabotage or any other means to any Work, materials, equipment or other property.

GC-13 PUBLICITY AND ADVERTISING

SUBCONTRACTOR shall not make any announcement, take any photographs, or release any information concerning this Subcontract; or the Project, or any part thereof to any member of the public, press, business entity, or any official body unless prior written consent is obtained from CONTRACTOR.

GC-14 INSPECTION, QUALITY SURVEILLANCE, REJECTION OF MATERIALS AND WORKMANSHIP

All materials and equipment furnished and Work performed shall be properly inspected by SUBCONTRACTOR at its expense, and shall at all times be subject to quality surveillance and quality audit by CONTRACTOR, OWNER, or their authorized representatives who shall be afforded full and free access to the shops, factories or other places of business of SUBCONTRACTOR and its lower-tier suppliers and subcontractors for such quality surveillance or audit. SUBCONTRACTOR shall provide safe and adequate facilities, drawings, documents and samples as requested and shall provide assistance and cooperation including stoppage of Work to perform such examination as may be necessary to determine compliance with the requirements of the Subcontract. Any Work covered prior to any quality surveillance or test by CONTRACTOR or OWNER shall be uncovered and replaced at the expense of SUBCONTRACTOR. Failure of CONTRACTOR or OWNER to make such quality surveillance or to discover defective design, materials or workmanship shall not relieve SUBCONTRACTOR of its obligations under this Subcontract nor prejudice the rights of CONTRACTOR or OWNER thereafter to reject or require the correction of defective Work in accordance with the provisions of this Subcontract.

If any Work is determined by CONTRACTOR or OWNER to be defective or not in conformance with this Subcontract, SUBCONTRACTOR will be notified in writing and shall, at SUBCONTRACTOR'S expense, immediately remove and replace or correct such defective Work.

GC-15 CHANGES

CONTRACTOR may at any time, by written Change Notice, direct additions, deletions or changes, including acceleration or deceleration, to all or any part of the Work and SUBCONTRACTOR agrees to perform such Work as changed. If any Change Notice causes an increase or decrease in SUBCONTRACTOR'S cost of, or the time required for the performance of any part of the Work an equitable adjustment shall be made and the Subcontract modified by written amendment signed by both parties. Nothing in this clause shall excuse

SUBCONTRACTOR from proceeding with the Subcontract as changed, whether or not an equitable adjustment has been made. All other modifications to this Subcontract shall only be by written amendment signed by both parties.

GC-16 EXAMINATION OF SUBCONTRACTOR'S RECORDS

SUBCONTRACTOR shall maintain books and accounts of SUBCONTRACTOR'S charges under this Subcontract in accordance with generally accepted accounting principles and practices. For the duration of the Subcontract and for a period of one year thereafter CONTRACTOR, OWNER or their representatives shall have the right to examine during SUBCONTRACTOR'S normal business hours these books and accounts and any other relevant records to the extent required to verify any reimbursable costs (excluding lump sum and established standard allowances and rates) incurred where such costs are the basis of compensation to SUBCONTRACTOR hereunder or for evaluating the reasonableness of proposed Subcontract price adjustments and claims.

GC-17 WARRANTY

SUBCONTRACTOR warrants that it will perform the services under this Subcontract with the degree of high professional skill and sound practices and judgment which is normally exercised by recognized professional firms with respect to services of a similar nature. In addition to all other rights and remedies which CONTRACTOR or OWNER may have, SUBCONTRACTOR shall, at its expense, re-perform the services to correct any deficiencies which result from SUBCONTRACTOR'S failure to perform in accordance with the above standards.

All materials and equipment, if any, incorporated into the Work under this Subcontract shall be new and of the most suitable grade of their respective kinds for their intended uses unless otherwise specified. All workmanship shall be in accordance with sound industry practices acceptable to CONTRACTOR. SUBCONTRACTOR warrants all materials, equipment and workmanship it furnishes under this Subcontract for a period of twelve (12) months after acceptance of the Project as a whole by OWNER. In the event CONTRACTOR or OWNER discover defects in the materials, equipment or workmanship at any time before the expiration of the specified warranty period, SUBCONTRACTOR shall, upon written notice from CONTRACTOR or OWNER, repair or replace, at its sole expense, any such defects. All costs incidental to such corrective action including, but not limited to, access, removal, retesting and reinspection shall be borne by SUBCONTRACTOR. If SUBCONTRACTOR fails to take corrective action within a reasonable time, CONTRACTOR or OWNER may perform the corrective measures by other reasonable means and SUBCONTRACTOR agrees to pay for such corrective measures. SUBCONTRACTOR further warrants any and all corrective measures for a period of twelve (12) months following their acceptance by OWNER or CONTRACTOR.

GC-18 INDEMNITY

SUBCONTRACTOR hereby releases and shall indemnify, defend and hold harmless CONTRACTOR, OWNER, and their subsidiaries and affiliates and the officers, agents, employees, successors and assigns and authorized representatives of all the foregoing from and against any and all suits, actions, legal or administrative proceedings, claims, demands, damages, liabilities, interest, attorney's fees, costs and expenses of whatsoever kind or nature, including those arising out of injury to or death of SUBCONTRACTOR'S employees, whether arising before or after completion of the Work hereunder and in any manner directly or indirectly caused, occasioned, or contributed to in whole or in part, or claimed to be caused, occasioned or contributed to in whole or in part, by reason of any act, omission, fault or negligence whether active or passive of SUBCONTRACTOR, its lower-tier suppliers, subcontractors or of anyone acting under its direction or control or on its behalf in connection with or incidental to the performance of this Subcontract. SUBCONTRACTOR'S aforesaid release, indemnity and hold harmless obligations, or portions or applications thereof, shall apply even in the event of the fault or negligence, whether active or passive, or strict liability of the parties released, indemnified or held harmless to the fullest extent permitted by law, but in no event shall they apply to liability caused by the willful misconduct or sole negligence of the party released, indemnified or held harmless.

GC-19 PATENT AND COPYRIGHT INDEMNITY

SUBCONTRACTOR hereby indemnifies and shall defend and hold harmless CONTRACTOR, OWNER and their representatives from and against any and all claims, actions, losses, damages, and expenses, including attorney's fees, arising from any claim, whether rightful or otherwise, that any concept, product, equipment, material, process, copyrighted material or confidential information, or any part thereof, furnished by SUBCONTRACTOR under this Subcontract constitutes an infringement of any patent or copyrighted material or a theft of trade secrets. If use of any part of such concept, product, equipment, material, process, copyrighted material or confidential information is limited or prohibited, SUBCONTRACTOR shall, at its sole expense, procure the necessary licenses to use the infringing or a modified but non-infringing concept, product, equipment, material, process, copyrighted material or confidential information or, with CONTRACTOR'S or OWNER'S prior written approval, replace it with substantially equal but non-infringing concepts, products, equipment, materials, processes, copyrighted material or confidential information; provided, however,

- (a) That any such substituted or modified concepts, products, equipment, material, processes, copyrighted material or confidential information shall meet all the requirements and be subject to all the provisions of this Subcontract, and
- (b) That such replacement or modification shall not modify or relieve SUBCONTRACTOR of its obligations under this Subcontract.

The foregoing obligation shall not apply to any concept, product, equipment, material, process, copyrighted material or confidential information the detailed design of which (excluding rating and/or performance specifications) has been furnished in writing by CONTRACTOR or OWNER to SUBCONTRACTOR.

GC-20 ASSIGNMENTS AND SUBCONTRACTS

Any assignment of this Subcontract or rights hereunder, in whole or part, without the prior written consent of CONTRACTOR shall be void, except that upon ten (10) calendar days written notice to CONTRACTOR, SUBCONTRACTOR may assign monies due or to become due under this Subcontract, provided that any assignment of monies shall be subject to proper set-offs in favor of CONTRACTOR and any deductions provided for in this Subcontract.

SUBCONTRACTOR shall not subcontract with any third party for the performance of all or any portion of the Work without the advance written approval of CONTRACTOR. Lower-tier subcontracts and purchase orders must include provisions to secure all rights and remedies of CONTRACTOR and OWNER provided under this Subcontract, and must impose upon the lower-tier subcontractor and supplier all of the general duties and obligations required to fulfill this Subcontract.

Copies of all purchase and subcontract agreements are to be provided to CONTRACTOR upon request. Pricing may be deleted unless the compensation to be paid thereunder is reimbursable under this Subcontract.

No assignment or subcontract will be approved which would relieve SUBCONTRACTOR or its sureties, if any, of their responsibilities under this Subcontract.

GC-21 SUSPENSION

CONTRACTOR may by written notice to SUBCONTRACTOR, suspend at any time the performance of all or any portion of the Work to be performed under the Subcontract. Upon receipt of such notice, SUBCONTRACTOR shall, unless the notice requires otherwise:

- a) Immediately discontinue Work on the date and to the extent specified in the notice,
- b) Place no further orders or subcontracts for material, services, or facilities with respect to suspended Work other than to the extent required in the notice,
- c) Promptly make every reasonable effort to obtain suspension upon terms satisfactory to

CONTRACTOR of all orders, subcontracts and rental agreements to the extent they relate to performance of suspended Work,

- d) Continue to protect and maintain the Work including those portions on which Work has been suspended, and
- e) Take any other reasonable steps to minimize costs associated with such suspension.

As full compensation for such suspension, SUBCONTRACTOR will be reimbursed for the following costs, reasonably incurred, without duplication of any item, to the extent that such costs directly result from such Work suspension:

- a) A standby charge to be paid to SUBCONTRACTOR during the period of Work suspension, which standby charge shall be sufficient to compensate SUBCONTRACTOR for keeping, to the extent required in the suspension notice, its organization and equipment committed to the Work on a standby basis,
- b) All reasonable costs associated with mobilization and demobilization of SUBCONTRACTOR'S plant, forces and equipment, and
- c) An equitable amount to reimburse SUBCONTRACTOR for the cost of maintaining and protecting that portion of the Work upon which performance has been suspended.

Upon receipt of notice to resume suspended Work, SUBCONTRACTOR shall immediately resume performance under this Subcontract to the extent required in the notice.

If the SUBCONTRACTOR intends to assert a claim for equitable adjustment under this clause, it must, within ten (10) calendar days after receipt of notice to resume Work, submit to CONTRACTOR a written statement setting forth the schedule impact and monetary extent of such claim in sufficient detail to permit thorough analysis. No adjustment shall be made for any suspension to the extent that performance would have been suspended, delayed, or interrupted by any SUBCONTRACTOR non-compliance with the requirements of this Subcontract.

GC-22 TERMINATION

CONTRACTOR may by written notice to SUBCONTRACTOR terminate this Subcontract in whole or in part at any time, either for CONTRACTOR'S convenience or for the default of SUBCONTRACTOR. Upon such termination, all data, plans, specifications, reports, estimates, summaries, completed Work and Work in progress, and such other information and materials as may have been accumulated by SUBCONTRACTOR in performing this Subcontract shall, in the manner and to the extent determined by CONTRACTOR, become the property of and be delivered to CONTRACTOR. If the termination is for the convenience of CONTRACTOR, an equitable adjustment shall be made by agreement between SUBCONTRACTOR and CONTRACTOR in the compensation to be paid SUBCONTRACTOR under this Subcontract but no amount shall be allowed for anticipated profit on unperformed Work.

If the termination is attributable to the default of SUBCONTRACTOR, CONTRACTOR shall have the right to complete such Work by whatever method CONTRACTOR may deem expedient, including employing another contractor under such form of agreement as CONTRACTOR may deem advisable, or CONTRACTOR may perform any part of such Work that has been terminated. The expense of so completing such Work together with a reasonable charge for administering any agreement for such completion will be charged to SUBCONTRACTOR and such expense will be deducted by CONTRACTOR from such monies as may be due or may at any time thereafter become due to SUBCONTRACTOR. In case such expense exceeds the sum which would have otherwise been payable under this Subcontract, then SUBCONTRACTOR shall be liable for and shall, upon notice from CONTRACTOR, promptly pay to CONTRACTOR the amount of such excess.

GC-23 FINAL INSPECTION AND ACCEPTANCE

When SUBCONTRACTOR considers the Work, or any independently identifiable portion of the Work, under this Subcontract to be complete and ready for acceptance, SUBCONTRACTOR shall notify CONTRACTOR in writing. CONTRACTOR, with SUBCONTRACTOR'S cooperation, will conduct such reviews, inspections and

tests as may be reasonably required to satisfy CONTRACTOR that the Work, or identified portion of the Work, conforms to all requirements of the Subcontract. If all or any part of the Work covered by SUBCONTRACTOR'S notice does not conform to Subcontract requirements, CONTRACTOR shall notify SUBCONTRACTOR of such nonconformance and SUBCONTRACTOR shall take corrective action in accordance with the General Condition titled "INSPECTION, QUALITY SURVEILLANCE, REJECTION OF MATERIALS AND WORKMANSHIP" and have the nonconforming Work reinspected until accepted. CONTRACTOR'S written acceptance shall be final and conclusive except with regard to latent defects, fraud or such gross mistakes as amount to fraud, or with regard to CONTRACTOR'S and OWNER'S rights under the General Condition titled "WARRANTY".

GC-24 NON-WAIVER

Failure by CONTRACTOR to insist upon strict performance of any terms or conditions of this Subcontract, or failure or delay to exercise any rights or remedies provided herein or by law, or failure to properly notify SUBCONTRACTOR in the event of breach, or the acceptance of or payment for any goods or services hereunder, or the review or failure to review designs shall not release SUBCONTRACTOR from any of the warranties or obligations of this Subcontract and shall not be deemed a waiver of any right of CONTRACTOR or OWNER to insist upon strict performance hereof or any of its rights or remedies as to any prior or subsequent default hereunder nor shall any termination of Work under this Subcontract by CONTRACTOR operate as a waiver of any of the terms hereof.

GC-25 SURVIVAL

The rights and obligations of the parties which by their nature survive termination or completion of this Subcontract including, but not limited to, those set forth in the General Conditions titled "WARRANTY" and "INDEMNITY" shall remain in full force and effect.

GC-26 HOLD HARMLESS

A. If CONTRACTOR is subjected to any liability as the result of SUBCONTRACTOR'S or its lower tier subcontractor's failure when required to:

- 1) submit and certify accurate, complete and current cost or pricing data,
- 2) furnish certification of data of any description that is accurate, complete and current,
- 3) comply with the requirements of the FAR and/or DEAR clauses relating to cost accounting standards and practices, or
- 4) provide such information, substantiation and assurance as reasonably required by CONTRACTOR in the event that CONTRACTOR is required to certify any claim to the OWNER and the Government which includes as a component thereof any SUBCONTRACTOR claim,

then the SUBCONTRACTOR agrees to indemnify and hold harmless CONTRACTOR from any expense, liability, responsibility or penalty that may be imposed upon CONTRACTOR by the OWNER or the Government as the result of any false or improper certification by the SUBCONTRACTOR or as the result of CONTRACTOR'S reasonable reliance upon the information, substantiation or assurance provided by the SUBCONTRACTOR in support of its claim and CONTRACTOR'S certification thereof.

B. As to all matters relating to Cost Accounting Standards, SUBCONTRACTOR shall:

- 1) communicate and otherwise deal directly with
- 2)
 - a) the OWNER when CONTRACTOR so authorizes, and

- b) cognizant Government audit agencies to the extent practicable and permissible.
- 3) provide CONTRACTOR with copies of all communications, excluding sensitive business information, between SUBCONTRACTOR and the OWNER.
- C. SUBCONTRACTOR agrees to indemnify CONTRACTOR if any of its actions, acting alone or in concert with anyone but CONTRACTOR, causes the OWNER to exercise its rights under the clauses of the Prime Contract or this Subcontract entitled "Gratuities" or "Covenant Against Contingent Fees".
- D. This hold harmless agreement shall be in addition to any other remedies provided under this Subcontract or by law.

GC-27 ENVIRONMENTAL PROTECTION

A. The SUBCONTRACTOR shall comply, as applicable, with the following:

- Atomic Energy Act of 1954
- Department of Energy Organizational Act
- Resource Conservation and Recovery Act of 1976
- Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- Safe drinking Water Act
- Toxic Substances Act
- Federal Insecticide, Fungicide and Rodenticide Act
- Marine Protection, Research, and Sanctuaries Act of 1972
- Coastal Zone Management Act of 1972
- Coastal Barrier Resource Act of 1982
- Nuclear Waste Policy Act of 1982
- Low-Level Radioactive Waste Policy Act
- Uranium Mill Tailings Radiation Control Act of 1979
- Title 40 of the Code of Federal Regulations, parts 247 through 253 (solid wastes, guidelines for procurement of certain products that contain recycled/recovered materials)
- CFR Title 10, parts involving environmental protection and related requirements for contractors
- DOE directives involving requirements for contractors
- Other Federal and non-Federal environmental protection laws codes, ordinances, regulations, and requirements. Failure to list a law above, or to identify a requirement having the force and effect of law, shall not be construed as waiving a requirement for the Seller to comply with such law or requirement.

B. The SUBCONTRACTOR shall assist the CONTRACTOR and OWNER in complying with the following:

- The National Environmental Policy Act of 1969
- The Endangered Species Act of 1973
- The Fish and Wildlife Coordination Act
- The Noise Control Act of 1972
- The National Historic Preservation Act of 1968
- The Wild and Scenic Rivers Act
- Farmland Protection Policy Act of 1981
- Executive Order 11988 of May 24, 1977, Protection of Wetlands
- Executive Order 11990 of May 24, 1977, Protection of Wetlands
- Executive Order 12088 of October 13, 1978, Federal Compliance with Pollution Control Standards
- Executive Order 12580 of January 23, 1987, Superfund Implementation
- Office of Management and Budget Circular No. A-106 of December 31, 1974, Reporting Requirements in Connection with the Prevention, Control, and Abatement of Environmental Pollution of Existing Federal Facilities.

GC-28 HANFORD SITE EMERGENCY

The RL Manager or designee shall have sole discretion to determine when an emergency situation exists at the Hanford Site, except for River Protection Project facilities, affecting site personnel, the public health, safety, the environment, or security. The Manager, Office of River Protection (ORP), or designee has the discretion to determine whether an emergency situation exists under the Waste Treatment and Immobilization Plant contract and other ORP contract areas of work that might affect RL workers. In the event that either the RL or ORP Manager or designee determines such an emergency exists, the RL Manager or designee will have the authority to direct any and all activities of the Subcontractor and lower tier subcontractors necessary to resolve the emergency situation. The RL Manager or designee may direct the activities of the Subcontractor and lower subcontractors throughout the duration of the emergency.

The Subcontractor shall include this clause in all subcontracts at any tier for work performed at the Hanford Site.

GC-29 DISPUTES

SUBCONTRACTOR shall proceed diligently with performance of the Work, pending final resolution of any request for relief, dispute, claim, appeal, or action arising under the Agreement, and comply with any decision of CONTRACTOR. SUBCONTRACTOR shall not be entitled to and neither CONTRACTOR nor OWNER shall be liable to SUBCONTRACTOR or its lower-tier suppliers or subcontractors in tort (including negligence), or contract except as specifically provided in this Agreement.

Any claim for an adjustment to the Agreement price or time of performance which cannot be resolved by negotiation shall be considered a dispute within the meaning of this clause.

If for any reason SUBCONTRACTOR and CONTRACTOR are unable to resolve a claim for an adjustment, SUBCONTRACTOR or CONTRACTOR shall notify the other party in writing that a dispute exists and request or provide a final determination by CONTRACTOR. Any such request by SUBCONTRACTOR shall be clearly identified by reference to this clause and shall summarize the facts in dispute and SUBCONTRACTOR'S proposal for resolution.

If CONTRACTOR'S final determination is not accepted by SUBCONTRACTOR the matter shall, within thirty (30) calendar days, be referred to senior executives of the parties who shall have designated authority to settle the dispute. The parties shall promptly prepare and exchange memoranda stating the issues in dispute and their respective positions, summarizing the negotiations that have taken place and attaching relevant documents.

The senior executives will meet for negotiations at a mutually agreed time and place. If the matter has not been resolved within thirty (30) calendar days of the commencement of such negotiations, the parties agree to consider resolution of the dispute through some form of Alternative Dispute Resolution (ADR) process that is mutually acceptable to the parties.

Should the parties agree to pursue an ADR process; each party will be responsible for its own expenses incurred to resolve the dispute during the ADR process.

If the parties do not agree to an ADR process or are unable to resolve the dispute through ADR, either party shall then have the right to pursue any legal remedy.

GC-30 GOVERNMENT FLOWDOWNS

The Federal Acquisition Regulation (FAR), the Department of Energy (DOE) FAR Supplement (DEAR) clauses, and the DOE Procurement Regulations incorporated herein shall have the same force and effect as if printed in full text. Upon request, CONTRACTOR will make their full text available. Wherever necessary to make the context of the FAR and DEAR clauses applicable to this Subcontract, the term "Contractor" shall mean "SUBCONTRACTOR", the term "Contract" shall mean this Subcontract, and the term "Government",

"Contracting Officer" and equivalent phrases shall mean the CONTRACTOR'S representative, except the terms "Government" and "Contracting Officer" do not change: (1) in the phrases "Government Property", "Government-Furnished Property", and "Government-Owned Property"; (2) in the patent clauses incorporated herein; (3) when a right, act, authorization or obligation can be granted or performed only by the Government's duly authorized representative; (4) when title to property is to be transferred directly to the Government; (5) when access to proprietary financial information or other proprietary data is required except for authorized audit rights; and (6) where specifically modified herein.

GC-30.1 APPLICABLE TO ALL SUBCONTRACTS

CLAUSE	TITLE	INSTRUCTIONS
52.203-1	OFFICIALS NOT TO BENEFIT (APR 1984)	
52.203-3	GRATUITIES (APR 1984)	SUBCONTRACTOR shall indemnify CONTRACTOR if any of SUBCONTRACTOR'S actions acting alone or in concert with anyone except CONTRACTOR causes Government to exercise its rights under FAR 52.203-3
52.203-5	COVENANT AGAINST CONTINGENT FEES (APR 1984)	SUBCONTRACTOR shall indemnify CONTRACTOR if any of SUBCONTRACTOR'S actions acting alone or in concert with anyone except CONTRACTOR causes Government to exercise its rights under FAR 52.203-5
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985)	
52.203-7	ANTI-KICKBACK PROCEDURES (FEB 1987)	Add to ¶ (c)(2): "SUBCONTRACTOR shall notify CONTRACTOR when such action has been taken." In the first sentence of ¶ (c)(4) 'the Contracting Officer may...' is replaced by 'after the Contracting Officer has effected an offset at the prime contract level or has directed CONTRACTOR to withhold any sum from the SUBCONTRACTOR, SUBCONTRACTOR shall ...'
52.208-1	REQUIRED SOURCE(S) FOR JEWEL BEARINGS AND RELATED ITEMS (APR 1984)	
52.210-5	NEW MATERIAL (APR 1984)	
52.210-7	USED OR RECONDITIONED, MATERIAL, REGIONAL INVENTORY AND FORMER GOVERNMENT SURPLUS PROPERTY (APR 1984)	
52.212-13	STOP WORK ORDER (AUG 1984)	
52.222-1	NOTICES TO THE GOVERNMENT OF LABOR DISPUTES (APR 1984)	
52.222-3	CONVICT LABOR (APR 1984)	
52.222-26	EQUAL OPPORTUNITY (APR 1984)	
52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (NOV 1991)	
52.224-2	PRIVACY ACT (APR 1984)	

52.225-3	BUY AMERICAN ACT-SUPPLIES (JAN 1989)	'Agency' means CONTRACTOR. SUBCONTRACTOR is solely responsible for compliance with this clause and agrees to indemnify and hold harmless CONTRACTOR from any and all direct, and indirect or consequential expenses or other damages relating to or arising out of the failure of SUBCONTRACTOR or its subcontractors of any tier to comply with this clause and the Buy American Act.
52.225-11	RESTRICTIONS ON CERTAIN FOREIGN PURCHASING (MAY 1992)	
52.232-17	INTEREST (JAN 1991)	
52.233-1	DISPUTES - ALT I (DEC 1991)	
52.233-3	PROTEST AFTER AWARD (AUG 1989)	
52.246-2	INSPECTION OF SUPPLIES (FIXED PRICE) (JUL 1985)	the provisions in the clause for access, rights to inspect, safety protection and relief from Liability apply equally to Buyer and Government
52.246-16	RESPONSIBILITY FOR SUPPLIES (APR 1984)	
952.204-2	SECURITY (OCT 1987)	

GC-30.1 APPLICABLE TO ALL SUBCONTRACTS

CLAUSE	TITLE	INSTRUCTIONS
952.204-70	CLASSIFICATION (APR 1986)	
952.204-74	FOREIGN OWNERSHIP CONTROL, OR INFLUENCE OVER CONTRACTOR (REPRESENTATION) (APR 1984)	
952.227-73	ADDITIONAL TECHNICAL DATA REQUIREMENTS (APR 1984)	
952.227-75	RIGHTS IN TECHNICAL DATA - LONG FORM (APR 1984)	
952.227-82	RIGHTS IN PROPOSAL DATA (APR 1984)	
9-9.102-2	AUTHORIZATION AND CONSENT (APR 1984)	
9-9.103-3	INTELLECTUAL PROPERTY INDEMNITY (JUN 1979)	
9-9.104	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (JUN 1979)	
9-9.106	CLASSIFIED INVENTIONS (JUN 1979)	
9-9.110(c)	REPORTING OF ROYALTIES (JUN 1979)	Government means Buyer in first sentence only

GC-30.2 APPLICABLE TO SUBCONTRACTS OVER \$2,500

CLAUSE	TITLE
52.222.4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION (MAR 1988)
52.222.36	AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APR 1984)

GC-30.3 APPLICABLE TO SUBCONTRACTS OVER \$10,000

CLAUSE	TITLE
52.215-1	EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (FEB 1993)
52.215-2	AUDIT - NEGOTIATION
52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)
52.222-20	WALSH HEALEY PUBLIC CONTRACTS ACT (APR 1984)
52.222-35	AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APR 1984)
52.222-37	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE VIETNAM ERA (JAN 1988)

GC-30.4 APPLICABLE TO SUBCONTRACTS OF \$25,000 OR MORE

CLAUSE	TITLE	INSTRUCTIONS
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990)	In addition to any other remedies provided by law or under this Order, if Buyer is subjected to any liability as the result of Seller's or its lower-tier subcontractors' violation of subsection 27(a) of the Office of Federal Procurement Policy Act, as amended (41 U.S.C. 423), as implemented in the FAR, then Seller agrees to indemnify and hold Buyer harmless to the full extent of any loss, damage or expense resulting from such failure.
52.223-6	DRUG-FREE WORKPLACE (JUL 1990)	
52.242-13	BANKRUPTCY (APR 1991)	

GC-30.5 APPLICABLE TO ORDERS OVER \$100,000

CLAUSE	TITLE
52.215-26 ALT 1	INTEGRITY OF UNIT PRICES (APR 1987)
52.215-39	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS OTHER THAN PENSION (JUL 1991)
52.223-2	CLEAN AIR AND WATER (APR 1984)

GC-30.6 APPLICABLE TO ORDERS OVER \$500,000

CLAUSE	TITLE
52.215-20	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN COST OR PRICING DATA (JAN 1998)
52.215-22	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (OCT 1995)
52.215-23	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA - MODIFICATIONS (OCT 1995)
52.215-24	SUBCONTRACTOR COST OR PRICING DATA - MODIFICATIONS (OCT 1995)
52.215-25	SUBCONTRACTOR COST OR PRICING DATA (OCT 1995)
52.219-9	SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING PLAN (APR 1984)
52.219-16	LIQUIDATED DAMAGES - SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1989)
52.220-4	LABOR SURPLUS AREA SUBCONTRACTING PROGRAM (APR 1984)
52.230-3	DISCLOSURE AND CONSISTENCY OF COST ACCOUNTING PRACTICES (AUG 1992)

GC-30.7 APPLICABLE TO ORDERS OVER \$1,000,000

CLAUSE	TITLE	INSTRUCTIONS
52.222-28	EQUAL OPPORTUNITY PREAWARD CLEARANCE OF SUBCONTRACTS (APR 1984)	

WASHINGTON CLOSURE HANFORD, LLC

EXHIBIT "B"

SERVICES SUBCONTRACT

SPECIAL CONDITIONS

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EXHIBIT "B"

TECHNICAL SERVICES SUBCONTRACT

SPECIAL CONDITIONS

SC-1 DEFINITIONS

"CONTRACTOR" means Washington Closure Hanford LLC and all of its authorized representatives acting in their professional capacities in performance of OWNER'S Contract No. DE-AC06-05RL04655. To the extent that the CONTRACTOR is not the ultimate user of the services required herein, all rights, benefits and remedies conferred upon CONTRACTOR by this Subcontract shall also accrue and be available to and are for the express benefit of the OWNER for which the Services are required.

"Jobsite" and "Site" means the location(s) at which or for which the Services will be provided.

"OWNER" means the United States Department of Energy (DOE)/United States Government.

"Work" and "Services" means all technical and professional Services and responsibilities to be performed by the SUBCONTRACTOR as specified, stated, indicated or implied in this Subcontract, including the furnishing and supervision of all technical personnel and the supply of all equipment, materials and supplies necessary or required to perform this Subcontract.

"SUBCONTRACTOR" means the company, corporation, partnership, individual or other entity to which this Subcontract is issued, its authorized representatives, successors, and permitted assigns.

"Program" means the performance of the requirements of Contract No. DE-AC06-05RL14655.

SC-2 INSURANCE REQUIREMENTS

Notwithstanding any other provisions of this Subcontract, SUBCONTRACTOR shall, at its sole expense, maintain in effect at all times during the performance of the Work insurance coverage with limits not less than those set forth below and with insurers and under forms of policies satisfactory to CONTRACTOR:

- (a) Workers' Compensation as required by any applicable law or regulation.

If there is an exposure of injury to Contractors' employees under the U.S. Longshoremen's and Harbor Workers' Compensation Act, the Jones Act or under laws, regulations or statutes applicable to maritime employees, coverage shall be included for such injuries or claims.

- (b) Employer's Liability of not less than:

\$500,000 each accident

- (c) Commercial General Liability with combined single limits of liability for bodily injury, property damage and personal injury of not less than:

\$ 500,000	Each Occurrence Limit
\$ 500,000	Personal Injury Limit
\$1,000,000	Products-Completed Operations Aggregate Limit
\$1,000,000	General Annual Aggregate Limit (other than Products-Completed Operations)

- (d) Automobile Liability (Owned, hired and non-owned) with combined single limits of liability for bodily injury or property damage of not less than: \$500,000 any one occurrence

The required limits may be satisfied by a combination of a primary policy and an excess or umbrella policy.

Coverage (c) shall apply to the indemnity agreement in the General Condition titled "INDEMNITY" and shall include CONTRACTOR and OWNER, their officers and employees, each as additional insured but only with respect to liability arising out of operations for CONTRACTOR and OWNER by or for the SUBCONTRACTOR. Such insurance shall be primary as respects the additional insured and shall include a cross liability clause. Such insurance shall be on an occurrence policy form; not a claim made form. Prior to commencing performance of any work or site

mobilization, SUBCONTRACTOR shall furnish CONTRACTOR with Certificates of Insurance (identifying on the face thereof the Project Name and Subcontract No.) as evidence of the above required insurance and such Certificates shall provide for thirty (30) calendar days written notice to CONTRACTOR prior to cancellation, termination or alteration thereof.

Neither CONTRACTOR nor OWNER is maintaining any insurance on behalf of SUBCONTRACTOR covering loss or damage to the Work or to any other property of SUBCONTRACTOR unless otherwise specifically set forth herein.

None of the requirements contained herein as to types, limits and approval of insurance coverage to be maintained by SUBCONTRACTOR are intended to and shall not in any manner limit or qualify the liability and obligations assumed by SUBCONTRACTOR under this Subcontract.

SUBCONTRACTOR shall deliver the original and two (2) copies of the Certificate of Insurance and any notices of cancellation, termination or alteration of such policies to the address shown on the face of this Subcontract or as directed by the designated CONTRACTOR authorized representative.

SC-3 WORKERS' COMPENSATION REPORTING REQUIREMENTS

The SUBCONTRACTOR will be required to provide workers' compensation in accordance with the statutes of the State of Washington (Title 51, Revised Code of Washington) for performance of work under this Subcontract at the Hanford Site, including work subcontracted. The SUBCONTRACTOR shall be responsible for making all payments and submitting all reports required by Title 51, Section 51.32.073, Revised Code of Washington.

SC-4 PERFORMANCE PERIOD

SUBCONTRACTOR shall furnish sufficient forces, equipment, and facilities and shall work such hours to assure prosecution of the Work to completion in accordance with the following Milestone Dates:

OPTION YEAR ONE

Commence Work January 01, 2007

Complete All Work December 31, 2007

SC-5 SCHEDULES

If requested by CONTRACTOR, SUBCONTRACTOR shall, within ten (10) calendar days from and after SUBCONTRACTOR'S receipt of written notice of award, and before the first payment is made, submit to CONTRACTOR for approval a detailed Subcontract Schedule meeting the dates established in the Special Condition titled "COMMENCEMENT, PROSECUTION AND COMPLETION OF THE WORK" and shall show all activities and sequence of operations needed for the orderly performance and completion of any separable parts of any Work, inclusive of off-Site Work, and all Work in accordance with this subcontract.

The Subcontract Schedule shall be complete in all respects and shall include a personnel forecast by classification. SUBCONTRACTOR shall promptly inform CONTRACTOR of any proposed change in the schedule and shall furnish CONTRACTOR with a revised schedule within ten (10) calendar days after approval by CONTRACTOR of such change. The schedule shall be kept up to date, taking into account the actual progress of Work and shall be revised, if necessary, every thirty (30) calendar days. The revised schedule shall, as determined by CONTRACTOR, be sufficient to meet the requirements for the completion of the separable parts of any and all Work and the entire project as set forth in this Subcontract.

SC-6 PROGRESS REPORTING

If required, on a monthly basis the SUBCONTRACTOR shall provide to CONTRACTOR a concise summary report describing the Work accomplished during the reporting period, Work forecasted to be completed during the next reporting period and a summary of problem areas. Report shall include a schedule update showing Work completed, items rescheduled, personnel utilization and personnel re-forecasts. For Work performed on a lump sum basis, the report shall include and show total amount previously billed and the amount earned during the reported month, by Subcontract Pay Item. The report shall be submitted by the fifth calendar day after the end of the month being reported.

SC-7 INVOICING AND PROGRESS

SUBCONTRACTOR shall submit invoices only after establishing that the requirements of Exhibit "C" Measurement for Payment have been satisfied. SUBCONTRACTOR shall submit invoices only after satisfactory completion and CONTRACTOR approval of any work.

The CONTRACTOR shall pay the SUBCONTRACTOR as follows upon the submission of invoices approved by the CONTRACTOR:

A. Subcontract Value:

1. CONTRACTOR shall not be responsible for the cost of work performed by the SUBCONTRACTOR above the Subcontract Value and Funding Limitation established for this subcontract without a written modification.

B. Fixed Unit Rate / Labor Hour Unit :

1. For fixed unit rate labor hour unit rate subcontracts, SUBCONTRACTOR invoices shall identify the individual (s), the number of hours billed, the dates of work, the hourly rate and the designated code of accounts. Any rate invoiced must be authorized by this Subcontract.
2. Time sheets will be submitted to the Subcontract Technical Representative (STR) on a weekly basis or as requested by STR. Time records so submitted will be basis for reconciliation and approval of invoices.
3. The amounts shall be computed by multiplying the appropriate hourly rates prescribed in the Exhibit "C" by the number of direct labor hours performed. The rates shall include wages, indirect cost, general and administrative (G & A) expense and profit. Fractional parts of an hour shall be payable on a prorated basis. Invoices may be submitted once each month (or at more frequent intervals, if approved by the CONTRACTOR).
4. SUBCONTRACTOR shall submit documentation which supports additional costs incurred as authorized by the Subcontract documents. Documentation shall support actual costs incurred and any other supporting information as requested by the WCH STR.
5. SUBCONTRACTOR shall provide notification to CONTRACTOR when funding levels reach 85%. CONTRACTOR shall not be responsible for work above the Not-To-Exceed value of this Subcontract without a written modification.
6. SUBCONTRACTOR will be paid for the hours worked as requested by the Subcontract Technical Representative.
7. Rates invoiced must be authorized under this subcontract. Overtime or premium pay rate of any type must be authorized.
8. Overtime shall not be allowable without express written authorization of the STR or his designee.
9. See Exhibit "C" for applicability of Overtime rates.

10. CONTRACTOR may terminate subcontract at any time with payment for work authorized, performed and accepted.

C. Firm Fixed Price / Lump Sum:

1. The amounts invoiced shall be measured and computed in accordance with Exhibit "C" Measurement for Payment.
2. For the purpose of arriving at agreement on the basis for progress payments for items bid as lump sum, SUBCONTRACTOR shall, submit a proposed breakdown of values of the various elements of the Work comprising the lump sum item.
3. Estimates shall be prepared by SUBCONTRACTOR and submitted in writing for CONTRACTOR'S approval on or about the end of each month covering the amount and value of Work satisfactorily performed by SUBCONTRACTOR up to the date of such estimate.
4. Such estimate may be made by strict measurement, or by estimate, or partly by one method and partly by another. Estimates shall be based on cumulative total quantities of Work performed. Estimates shall not include materials or services not incorporated into the Work.
5. CONTRACTOR, at its discretion, may arrange to have its representative witness and verify all ascertains made by SUBCONTRACTOR for determining quantities of Work to be paid for under this Subcontract.
6. Measurements and computations shall be made by such methods as CONTRACTOR may consider appropriate for the class of Work measured and the estimate of quantities of Work completed shall be compatible with the reporting requirements required
7. SUBCONTRACTOR shall prepare and submit to CONTRACTOR an invoice in accordance with the estimate as approved.
8. CONTRACTOR may terminate subcontract at any time with payment for work authorized, performed and accepted.

D. Invoices and Requests for Payment

To constitute a proper invoice, the following information must be included and attached:

- Request for Payment Form
- SUBCONTRACTOR'S name and invoice date
- Subcontract Number
- Invoice Number
- Quantities, subcontract line items, personnel time sheets and unit prices of services rendered, and accepted;
- Name (where practicable) title, phone number and complete mailing address of responsible official to whom payment is to be sent.
- Other substantiating documentation or information as required by the Subcontract.

SUBCONTRACTOR shall submit all invoices, including the final billing, detailed by Subcontract Line Item number in original and two (2) copies to:

WASHINGTON CLOSURE HANFORD, LLC
2620 Fermi Way
Richland, WA 99354
Attention: Accounts Payable
Reference: Subcontract No. **0308W-SC-G0361**

Failure to specify the full Subcontract Number or to submit full supporting documentation may be cause for invoice rejection or delay in payment. As a condition precedent to final payment, CONTRACTOR may request a fully executed Release of Claims and Certificate of Final Payment.

A request for payment form has been attached. All invoices for payment shall be accompanied by a request for payment form.

SC-8 NONDISCLOSURE

SUBCONTRACTOR agrees not to divulge to third parties, without the written consent of CONTRACTOR, any information obtained from or through CONTRACTOR or OWNER in connection with the performance of this Subcontract unless:

- (a) The information is known to SUBCONTRACTOR prior to obtaining the same from CONTRACTOR or OWNER;
- (b) The information is, at the time of disclosure by SUBCONTRACTOR, then in the public domain; or
- (c) The information is obtained by SUBCONTRACTOR from a third party who did not receive same, directly or indirectly from CONTRACTOR or OWNER and who has no obligation of secrecy with respect thereto.

SUBCONTRACTOR further agrees that it will not, without the prior written consent of CONTRACTOR, disclose to any third party any information developed or obtained by SUBCONTRACTOR in the performance of this Subcontract except to the extent that such information falls within one of the categories described in (a), (b), or (c) above.

If so requested by CONTRACTOR, SUBCONTRACTOR further agrees to require its employees to execute a nondisclosure agreement prior to performing any Work under this Subcontract.

SC-9 RESERVED

SC-10 SITE CONDITIONS

SUBCONTRACTOR shall have the sole responsibility for satisfying itself concerning the nature and location of Work and the general and local conditions, including but not limited to the following:

1. Transportation, access, disposal, handling and storage of materials,
2. Availability and quality of labor, water, electric power and road conditions,
3. Climatic conditions, tides, and seasons,
4. River hydrology and river stages,
5. Physical conditions at the Jobsite and the Project area as a whole,
6. Topography and ground surface conditions, and
7. Equipment and facilities needed preliminary to and during the performance of SUBCONTRACTOR'S Work.

The failure of SUBCONTRACTOR to acquaint itself with any applicable conditions will not relieve SUBCONTRACTOR of the responsibility for properly estimating either the difficulties or the cost of successfully performing SUBCONTRACTOR'S obligations under this subcontract.

Where CONTRACTOR or OWNER has made investigations of subsurface conditions in areas where Work is to be performed under this subcontract, such investigations are made by CONTRACTOR and OWNER for the purpose of study and design. If the records of such investigation are included in the Subcontract documents, the interpretation of such records shall be the sole responsibility of SUBCONTRACTOR. Neither CONTRACTOR nor OWNER assumes any responsibility whatsoever in respect to the sufficiency or accuracy of such investigations, the records thereof, or of the interpretations set forth and there is no warranty or guarantee, either express or implied, that the conditions indicated by such investigations or records thereof are representative of those existing throughout such areas, or any part thereof, or that unforeseen developments may not occur, or that materials other than or in proportions different from those indicated may not be encountered.

SC-11 QUALITY CONTROL/ASSURANCE

All Work shall be performed in accordance with the Quality Control/Assurance requirements specified elsewhere in this Subcontract. If the Subcontract requires the SUBCONTRACTOR to utilize its own Quality Control/Assurance Program, such programs shall be submitted to CONTRACTOR for prior approval.

WCH reserves the right to perform quality assurance and regulatory compliance oversight, assessments, and/or audits, as appropriate, to ensure that all work performed pursuant to this Work Order is in compliance with WCH requirements; federal, state, and local regulations; and DOE orders applicable to the scope stated herein. This reservation extends to lower-tier suppliers and subcontractors of the contractor performing work under this Work Order. WCH will provide advance notification of any assessments and/or audits to be performed of the subject work.

SC-12 - RESERVED

SC-13 AUTHORITY OF PERSONNEL

The CONTRACTOR will designate a Subcontract Administrator Jill Doel 509-372-9119 who will be responsible for administering the Subcontract terms and conditions and who shall act as the CONTRACTOR'S authorized representative. Additionally, all correspondence shall be issued and received by the designated Subcontract Administrator. The only individual authorized to direct the SUBCONTRACTOR to deviate from the express, written terms of the Subcontract is the authorized Subcontract Administrator

The CONTRACTOR will designate a Subcontract Technical Representative (STR) April Johnson 509-372-9298 **or designee** who will be responsible for the technical aspects of the performance of the Subcontract. The STR may designate other personnel to oversee the performance of the Work, sign field tickets, etc. However, the designated STR retains ultimate authority over the technical aspects of the Work. Should the SUBCONTRACTOR and STR disagree over the technical requirements of the Subcontract, such matters will be immediately referred to the CONTRACTOR'S Subcontract Administrator for resolution. The STR does not possess authority, express or implied, to direct the SUBCONTRACTOR to deviate from the terms and conditions of the Subcontract.

SC-14 INDEPENDENT CONTRACTOR

Subcontractor realizes that any and all employees provided by Subcontractor under this agreement are not Employees of Washington Closure Hanford, LLC or the Department of Energy. Subcontractor is solely responsible for any and all required taxes, insurance and liabilities arising under the performance of this subcontract by its employees.

SC-15 EXPENDITURE NOTIFICATION

For Work performed on a fixed unit rate basis, SUBCONTRACTOR shall notify the CONTRACTOR'S authorized representative in writing when SUBCONTRACTOR expects that in the next sixty calendar days billable charges, when added to all previously billed charges will exceed seventy five percent of the estimated Subcontract value shown in Exhibit "C." Upon expending seventy five percent of the estimated Subcontract value, SUBCONTRACTOR shall provide the CONTRACTOR'S authorized representative with weekly written summaries of billable charges, inclusive of previously billed charges.

The CONTRACTOR is not obligated to reimburse the SUBCONTRACTOR for billable charges in excess of the estimated Subcontract value as modified. The SUBCONTRACTOR is not obligated to continue performance under this Subcontract once billable charges reach one hundred percent of the estimated Subcontract value as modified.

SC-16 PROCUREMENT INTEGRITY

- A. The SUBCONTRACTOR warrants that it is familiar with and will comply with all the requirements of Section 27 of the Office of Federal Procurement Policy Act of 1988 (41 U.S.C. §423) as implemented in the Federal Acquisition Regulations (referred to in this clause as "the Act"), including, but not limited to: (1) prohibitions on giving or offering future employment, money, or any thing of value to a procurement official, (2) prohibitions on soliciting or obtaining from an agency, prior to award, any proprietary or source selection information regarding the procurement, and (3) limits on participation of former government employees and officials in negotiation and performance of government contracts. For a violation of the Act, the Government may reduce the fee or profit on

the contract, terminate all or a portion of the contract for default, suspend or debar the contractor from future Federal Government work, impose fines or imprisonment, or pursue other legal remedies.

- B. In addition to any other remedies provided by law or herein, the SUBCONTRACTOR agrees to indemnify and hold CONTRACTOR harmless to the full extent of any loss (including any reduction in fee or profit), damages, or expenses (including attorneys' fees) if any of the SUBCONTRACTOR'S actions, acting alone or in concert with any other person or entity, cause the Government to enforce the provisions of the Act or related regulations.
- C. The SUBCONTRACTOR agrees to include the substance of this clause, including this paragraph C, appropriately modified to reflect the identity and relationship of the parties, in all lower tier subcontracts in amounts exceeding \$100,000.

SC-17 PASSES AND BADGES

SUBCONTRACTOR'S employees may be required to obtain employee and vehicle passes. Such badges shall be issued at no charge to the SUBCONTRACTOR. No SUBCONTRACTOR employee or representative will be admitted to the Site unless he is a citizen of the United States, or, if an alien, his employment within the United States is legal and in accordance with activity security requirements.

SC-18 RESERVED

SC-19 RESERVED

SC-20 MODIFICATIONS TO EXHIBIT "A"

The following paragraph is added to Exhibit "A" Section GC-10, Taxes:

A. Washington State B&O Tax

"For the purpose of defining Washington State business and occupation (B&O) tax, CONTRACTOR recognizes that the tax classification established by Revised Code of Washington (RCW) 82.04.263 (currently taxed at rate of 0.471 percent) is applicable to the performance of all Work of this Subcontract."

Subcontractor will include the above language related to Washington State B&O Tax in all sub-tier subcontracts and purchase orders.

SC-21 SERVICE CONTRACT ACT

Service Contract Act does not appear to be applicable to the work scope being performed under this subcontract. However, subcontractor shall be liable for compliance with all applicable local, State and Federal laws & Regulations which may be applicable such as taxes, unemployment insurance etc.

SC-22 HEALTH AND SAFETY

Subcontractor is required to comply with Washington Closure Hanford LLC Environmental, Safety, Health and Quality Assurance requirements as long as Subcontractor's personnel are located on WCH controlled premises or works sites. All work performed under this Agreement shall be performed in a safe, professional manner and consistent with the principals found in the WCH Subcontractor Safety and Health Requirements Exhibit "G". Exhibit "G" may be found under the WCH proforma documents located on the WCH Internet web page located at <http://www.washingtonclosure.com> Procurement Homepage and the VPP program.

SC-23 CONTINUITY OF SERVICES

The SUBCONTRACTOR recognizes that the services performed under this Subcontract are vital to the OWNER and must be continued without interruption, and that, upon expiration of the Prime Contract between the OWNER and the CONTRACTOR, a successor, either the Government or another Contractor, may continue to require that the services be performed. The CONTRACTOR shall provide a sixty-(60) day written notice to the SUBCONTRACTOR once the successor has been named. The SUBCONTRACTOR shall work with the OWNER and the CONTRACTOR to ensure an efficient transfer to the successor is made.

CONTRACTOR may assign this Subcontract to the OWNER or to such party as OWNER may designate to perform CONTRACTOR'S obligations hereunder. Upon receipt by SUBCONTRACTOR of written notice that the OWNER or a party so designated by the OWNER has accepted an assignment of this Subcontract, CONTRACTOR shall be relieved of all responsibility hereunder and SUBCONTRACTOR shall thereafter look solely to such assignee for performance of CONTRACTOR'S obligations.

SC-24 KEY PERSONNEL

CONTRACTOR reserves the right to approve all Key Personnel. SUBCONTRACTOR'S key personnel must be assigned full-time onsite to this Subcontract exclusively and possess the minimum qualifications listed below. SUBCONTRACTOR shall not reassign or remove key personnel without prior written authorization of CONTRACTOR. Whenever, for any reason, one or more of these individuals are unavailable for assignment for Work under this Subcontract, any replacement key personnel shall possess the minimum qualifications and experience required for the position.

When the CONTRACTOR finds that a correlation exists or appears to exist between a documented lack of SUBCONTRACTOR performance and a lack of SUBCONTRACTOR employee qualification performance and/or falsification of experience requirements, the SUBCONTRACTOR agrees to immediately replace that individual with another employee with the minimum qualifications appropriate to the work being performed as specified above at no additional cost to the CONTRACTOR.

The CONTRACTOR may also require that the SUBCONTRACTOR be removed from the job, at no additional cost to CONTRACTOR, employees who endanger persons or property, disruptive to the workforce, or whose continued employment under this Subcontract is inconsistent with the requirements of the Subcontract and/or interest of safety or security at the Hanford Site.

SC-25 INCREMENTAL FUNDING OF SUBCONTRACT

The CONTRACTOR'S obligation to pay the SUBCONTRACTOR in accordance with the article entitled "Invoicing" is subject to the provisions and limitations further set forth by the following notwithstanding any other section or provision of this Subcontract as follows.

- A. Allotment of Funds: Of the total Subcontract amount, only specific portions of the total amount are estimated to be available, allotted by (FY), for this Subcontract. The CONTRACTOR shall not be obligated under this Subcontract to the SUBCONTRACTOR on any theory or basis for total payment in excess of total allotments up to that time. Furthermore, the SUBCONTRACTOR is not to expend any effort on Work for which the CONTRACTOR has not provided the SUBCONTRACTOR written authorization to proceed.

CONTRACTOR shall notify SUBCONTRACTOR of the estimated amount of funding to be available for each subsequent FY. It is contemplated, but not warranted, that the full amount of estimated funds for each FY's allotment will be available by October 1st, of each FY. CONTRACTOR shall notify SUBCONTRACTOR, in writing, of the exact amount of each FY allotment of funds as soon as such becomes known.

B. Schedule

- (1) The SUBCONTRACTOR agrees to schedule and perform or have performed the subcontract work in such a manner as to ensure that, in the event of termination of this contract for convenience pursuant to Subcontract General Conditions, Clause "Termination," the total amount payable by the CONTRACTOR (including amounts payable in respect of subcontracts and settlement costs) would not exceed the total amount allotted at the time to the Subcontract. The CONTRACTOR shall not be obligated in any event to pay or reimburse the SUBCONTRACTOR in excess of the amount then allotted to this subcontract, anything to the contrary or any other provision of this Subcontract notwithstanding.
- (2) To insure compliance with the requirements of subparagraph B. (1) above, all schedules required elsewhere in this Subcontract shall relate to and describe the SUBCONTRACTOR'S proposed plan for performance of work and representation of work actually performed to the amount then allotted to this Subcontract. Furthermore, SUBCONTRACTOR shall schedule and relate planning for future

performance of Work to the table of estimated allotments to this Subcontract set forth in subparagraph A. above.

- C. Notices - Actions When Costs Approach Total Amounts Allotted: Until such time as the CONTRACTOR has allotted funds up to the full Subcontract amount, including any adjustments thereto, the SUBCONTRACTOR shall notify the CONTRACTOR in writing 30 days in advance of the point when, in the event of termination for convenience the total amount payable by the CONTRACTOR (including amounts payable in respect of subcontracts and settlement costs) will approximate 85% (eighty-five percent) of the total amount then allotted to the Subcontract. Upon receipt of such notice, the CONTRACTOR may take one of, or a combination of, the following actions:
- (1) Instruct the SUBCONTRACTOR to continue performance of the Subcontract to the extent permitted by the amount of funds then allocated to this Subcontract;
 - (2) Increase the amount of funds allotted to the Subcontract and instruct the SUBCONTRACTOR to proceed with work not previously funded;
 - (3) Order the SUBCONTRACTOR to suspend all or any part of the work in accordance with Subcontract General Conditions, article entitled "Suspension" or "Stop Work Order." If the suspension or stop work order has resulted from the failure of the SUBCONTRACTOR to schedule and perform the Subcontract work in accordance with the provisions of subparagraph B above, the SUBCONTRACTOR shall not be entitled to an equitable adjustment in Subcontract amount nor time, nor shall the costs of the suspension or stop work be allowable in any subsequent termination for the convenience of the CONTRACTOR, irrespective of the provisions of any other section or provision of the Subcontract; or
 - (4) Terminate the performance of all or part of the work under this Subcontract in accordance with the termination for convenience section; or
 - (5) Direct the SUBCONTRACTOR to take such action, as is agreed by the parties in writing to be appropriate under the circumstances (provided such action does not exceed the total funds then allotted).
- D. SUBCONTRACTOR Excused From Further Performance: Before the allotment of funds up to the total Subcontract amount (including any adjustments thereto), when the SUBCONTRACTOR'S performance has reached the point at which in the event of exercise of the "Termination" section of this Subcontract, the total amount payable by the CONTRACTOR would equal 100% (one hundred percent) (100%) of the amount then allotted to this Subcontract, the SUBCONTRACTOR shall immediately notify the CONTRACTOR and shall make no further commitments or expenditures (except to meet existing commitments and liabilities). The CONTRACTOR shall not be obligated to pay the SUBCONTRACTOR an amount in excess of the total amount then allotted to the Subcontract. If additional funds are not allotted by the date set forth in subparagraph A. above, or such later date as may be agreed to by both parties, the SUBCONTRACTOR shall not be obligated to continue performance under this Subcontract and the CONTRACTOR will, upon written request of the SUBCONTRACTOR, terminate the Subcontract pursuant to the provisions of the termination for convenience section, provided, however, that in no event shall the CONTRACTOR be obligated to pay or reimburse the SUBCONTRACTOR in excess of the amount then allotted to this Subcontract.
- E. If the SUBCONTRACTOR incurs additional costs or is delayed in the performance of the work under this Subcontract solely by reason of the failure of the CONTRACTOR to allot additional funds in accordance with the subparagraph A. above and if additional funds are allotted, equitable adjustments shall be made in the Subcontract amount and performance time.
- F. The CONTRACTOR may at any time prior to termination, and with the consent of the SUBCONTRACTOR after notice of termination, allot additional funds to this Subcontract.
- G. Nothing in this clause shall affect the right of the CONTRACTOR to terminate this Subcontract pursuant to the article of this Subcontract entitled "Termination."

- H. Change Orders: Changes issued pursuant to Subcontract General Conditions article entitled, "Changes", shall not be considered authorization for the SUBCONTRACTOR to exceed the amount allotted to this Subcontract in the absence of a statement in the Change Order, or other written notice to the SUBCONTRACTOR, increasing the amount allotted to this Subcontract.

SC-26 TRAVEL AND BUSINESS EXPENSE - RESERVED

SC-27 SAFETY, HEALTH, AND SECURITY PROGRAM - RESERVED

SC-28 MASTER AGREEMENTS AND TASK ORDERS - RESERVED

SC-29 TRAINING REQUIREMENTS

The SUBCONTRACTOR must have all training required by Exhibit "D" Scope of Work completed prior to the start of Subcontract period of performance. The SUBCONTRACTOR is responsible for all costs associated with training required by Exhibit "D" Scope of Work; including tuition, scheduling, and associated hours. Unless specified otherwise, training may be provided by any provider that meets the legal requirements.

CONTRACTOR will be responsible for any Hanford Site and Facility specific training and additional training that is assigned outside of Exhibit "D" Scope of Work; including tuition, scheduling, and associated hours.

SUBCONTRACTOR is solely responsible for the review and verification of the education, certifications, past experience and training of staff proposed and submitted for consideration under this subcontract. Upon request the SUBCONTRACTOR shall, within 3 working days of such request, submit documentation providing evidence that staff proposed or employed under this subcontract meet the requirements of the task order and/or the resume submitted by the SUBCONTRACTOR. This documentation may include but is not limited to educational transcripts, training records, and licensing certifications.

SC-30 CONTRACTOR-FURNISHED UTILITIES AND FACILITIES

- A. Utilities. The utilities listed below will be furnished by CONTRACTOR without cost to SUBCONTRACTOR, provided that all such utilities will be furnished at outlets existing on the Jobsite and SUBCONTRACTOR shall, at its expense, extend such utilities from said outlets to points of use and at completion of all the Work remove all materials and equipment used for such extensions.

- (a) Water for construction
- (b) Potable water
- (c) Electric power at 440 volts, 3 phase.

- B. Facilities. The facilities listed below will be furnished by CONTRACTOR. Such facilities may be used by SUBCONTRACTOR without charge therefore, provided that any such use will be subject to written approval of CONTRACTOR.

- (a) Storage and working area
- (b) Parking area
- (c) Toilets.
- (d) Permission to use GSA and Commercially leased vehicles for business related on site travel

**EXHIBIT "C" FORM A
SCHEDULE OF QUANTITIES AND PRICES
AND
MEASUREMENT FOR PAYMENT**

1.0 WORK TO BE PERFORMED

Furnish all technical, quality, and professional services, including any supervision, labor, equipment, tools, materials, supplies, and transportation, necessary and required to provide **PESTICIDE APPLICATION FOR THE 100, 300, AND 400 AREAS OF THE HANFORD SITE** in accordance with all the provisions and requirements of these subcontract documents.

2.0 PRICE

2.1 NOT-TO-EXCEED value of this subcontract is:

\$ Twenty Five Thousand DOLLARS and zero CENTS \$25,000.00

3.0 SUBCONTRACT VALUE AND FUNDING LIMITATION

Award Value of this Subcontract is \$25,000.00 for technical support as authorized by the Subcontract Technical Representative. Total payments under this Subcontract shall not exceed this value without a written Subcontract modification.

4.0 MANAGEMENT AND MATERIAL FIXED UNIT PRICE

Item No.	Application Method	No. of Acres (estimated)	Approximate Application Date	Rate Per Acre	Total Price (Est)
1a	RCC Facilities	40 acres	01/01/07 - 03/31/07	\$ 27.59	\$ 12965.59
	Field Remediation	20 acres	01/01/07 - 03/31/07		
	D4	410 acres	01/01/07 - 03/31/07		
1b	RCC Selective applications: Phase I	20 acres	04/01/07 - 05/15/07	\$ 69.83	\$ 1396.65
1c	RCC Selective applications: Phase II, if needed	20 acres	05/16/07 -07/01/07	\$ 63.44	\$ 1268.76
1d	RCC Selective applications: Phase III, if needed	10 acres	07/02/07 -09/30/07	\$ 83.58	\$ 835.82
1e	RCC "As Needed" applications	100 acres	05/01/07 - 09/30/07	\$ 42.45	\$ 4245.27
				TOTAL	\$ 20712.08

NOTE: Acreage listed above is estimate only. Payment will be based upon actual acres sprayed as requested by the WCH STR.

5.0 ADJUSTMENTS

Total value of subcontract shall be revised utilizing unit prices for changes. Total value of payments will be based upon actual acres sprayed as identified in weekly spray reports to WCH technical representative.

All unit rates are fixed for the duration of the subcontract and are not subject to escalation for any cause. Payment of the Total Price (based upon unit rates multiplied by actual acres sprayed) shall constitute full

payment for performance of the Work and covers all costs of whatever nature incurred by subcontractor in accomplishing the Work in accordance with the provisions of this subcontract.

6.0 MEASUREMENT AND PAYMENT SHALL BE MADE AS FOLLOWS:

6.1 Measurement shall be:

- 6.1.1 For unit rate or labor hour forms of payment, Subcontractor shall submit invoices only after satisfactory completion and Contractor approval of work; for unit rate subcontracts, subcontractor shall submit invoices only after satisfactory completion of task or line item or based upon percentage of work complete; and Contractor approval of work complete or percentage of work complete and being billed;
- 6.1.2 The progress billing amounts shall be computed by multiplying the appropriate unit rates prescribed in this Exhibit "C" by the number of direct labor hours performed or actual units completed up to the maximum number contained under estimated quantity;
- 6.1.3 Subcontractor shall submit time records each week showing name of individual, hours worked, dates for reporting period and any other information (such as samples or survey completed) as requested by the STR. Subcontractor shall submit weekly or monthly (as directed by the STR) reports showing working conducted during the report period. Such reports will be basis of STR review & approval of invoices.

6.2 Payment shall be:

- 6.2.1 In accordance with the terms and conditions as set forth in the subcontract documents and
- 6.2.2 Net 30 days from receipt of conforming invoice.
- 6.2.3 Invoices may be submitted once each month (or at more frequent intervals, if approved by the Contractor). Invoices shall at a minimum show individuals names, unit rate of pay, invoice period and shall be easily reconciled by reviewing weekly time submittals.

Payment shall constitute full compensation for all services required to complete the work and reporting requirements in the SUBCONTRACT documents applicable this activity.

Exhibit D - Scope of Work **01/22/07**

Introduction:

This Statement of Work describes the selective and nonselective herbicide applications to River Corridor Contractor (RCC) facility and waste site areas throughout the fiscal year 2007.

Work to be Performed:

Subcontractor (EnergySolutions) shall furnish all professional services and supervision necessary for application of herbicides over approximately 20 acres of vegetated and 410 acres of non-vegetated sites, plus approximately 100 "As Needed" acres as described in Appendix A.

This Scope of Work (SOW) covers all selective and nonselective herbicide applications for WCH managed areas. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

Scope:

The vegetation management services described in this SOW apply to the WCH sites listed in Appendix A. This SOW includes application of selective and nonselective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, copies of application records at the end of each month, employee labor and equipment hours due the day following the application, quarterly report due within the first week of each quarter listing quantity of WCH remaining chemical, and quarterly listing of quantity of WCH remaining chemical. See "Deliverables" section for additional discussion.

EnergySolutions shall only apply pesticides as directed by WCH Technical Point of Contact. Under no circumstances shall any pesticide application be executed if directed by anyone other than the WCH Technical Point of Contact.

All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and WCH Technical Point of Contact direction.

WCH will provide all herbicides for pre-emergent non-vegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar plus 5 lbs/ac Sahara".

Subcontractor will provide herbicide for 20 acres of selective application. Phase I application will include 8 oz Overdrive plus 2 qt Veteran 720 per acre. Phase II, if needed will include 1/3 oz Escort plus 4qt Veteran 720 per acre, and Phase III, as needed will utilize a mixture of ET Herbicide 2.5oz plus 2% Roundup per acre.

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the WCH Technical Point of Contact. Areas requiring re-treatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on non-vegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for quarterly reports communicating WCH inventory and when materials are required in a timely manner to the WCH technical representative.

Subcontractor shall be signatory to the Hanford Atomic Metal Trades Council (HAMTC) labor agreement and employ HAMTC personnel where applicable in the performance of this subcontract.

The schedule is separated into the line items as follows:

- Line item 1a: RCC Facilities (40 acres), and Field Remediation (20 acres), & D4 (350 acres)
bareground applications: ~410 acres 1/1/07 – 3/31/07
- Line item 1b: RCC Selective applications: Phase I ~20 acres 4/1/07 – 5/15/07
- Line item 1c: RCC Selective applications: Phase II if needed ~ 20 acres 5/16/07 – 7/1/07
- Line item 1d: RCC Selective applications: Phase III, as needed ~ 10 acres 7/2/07 – 9/30/07
- Line item 1e: RCC "As needed" applications ~100 acres 5/1/06 – 9/30/07

Schedule:

This SOW for the herbicide application services is effective for the time period of January 1, 2007 through September 30, 2007.

Requirements and Instructions:

All material shall be applied in strict compliance with all applicable Federal, State, U. S. Department of Energy, Hanford Site, and WCH procedures and regulations. WCH will perform site preparations, provide Health Physics support, and provide necessary access control personnel. Disposal of empty containers, mixed but not used material, gross product, and spilled material shall be the responsibility of the subcontractor and must be handled in accordance with applicable Project Hanford Management Contract, Hanford, State, and Federal procedures and regulations.

Each material applicator shall have a current valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

When performing ground spraying applications, subcontractor will apply one-quarter boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed under WCH without prior discussion/approval of the WCH Technical Point of Contact. Notification of intent to treat WCH managed areas at least 24 hours prior to applications to ensure proper employee notifications and to ensure facility occupants in the vicinity of the application have been advised.

Site Access Control:

WCH Technical Point of Contact requires at least a 24 hour notice for approval prior to applications within the WCH Managed areas to ensure adequate timing for employee notifications. For entrance into the access controlled sites including reactor exclusion areas, 331 LSLDF, 618-10, 618-11, or 100 N Remedial Action project additional notice maybe needed to obtain keys. RCC may choose to have a representative present for all work sites. Close coordination with Technical Point of Contact and field support on daily site schedule will be required.

For applications within reactor areas where there are active remedial actions underway, all members of the spray crew shall sign into and out of the construction trailer visitor log, unless otherwise directed by the remedial action Technical Representative, as listed below.

The following RCC superintendents will control access to the following sites:

- Don Eckert to Facility Decommissioning Project sites 100 N
- Brett Klinetobe to support 100 N Facility sites
- Shane Bigham 100 D/DR Area Field Remediation Project
- Jonetta Everano 100 B/C Area Field Remediation Project
- Keith Maki 100 F Area Field Remediation Project
- Brad Marshall 100 K Field Remediation Project
- Steve Demers 300 Field Remediation Project
- Kevin Haggerty 300 Area Facility Demolition Project

Deliverables:

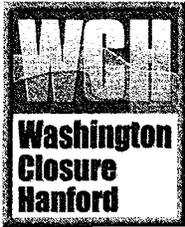
- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to RCC prior to initiating any portion of this work scope.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to RCC prior to initiating any portion of this work scope.
- Copies of herbicide application data records at the end of each month.
- Daily reports listing each line item of the contract with associated acreage treated, quantity, and type of material used, labor and equipment hours.
- Detailed invoice of Work Order labor and equipment hours submitted to Technical Point of Contact when request for work order payment is submitted
- Written quarterly report listing remaining RCC purchased chemical.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to Technical Point of Contact.
- Subcontractor shall submit all application records and field map identification sites for continuing WSDA off-target herbicide applications made to RCC sites and supply copies to Technical Point of Contact.

Quality Assurance Requirements:

If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

Work not Included:

The subcontractor will not be expected to provide site preparations, provide Health Physics support, or provide access control personnel.



125208

DEC 19 2005

Duratek Federal Services, Inc.
Attn: Ms. Sue Schwisow
345 Hills Street
Richland, WA 99354-5507

Subject: **AWARD OF WASHINGTON CLOSURE HANFORD SUBCONTRACT 0000X-SC-G0546, TITLED "PESTICIDE APPLICATION FOR THE 100, 300, AND 400 AREAS OF THE HANFORD SITE"**

Dear Ms. Schwisow:

Washington Closure Hanford LLC (WCH) is awarding Duratek Federal Services, Inc., Subcontract 0000X-SC-G0546 titled "Pesticide Application for the 100, 300, and 400 Areas of the Hanford Site". The items listed below include final copies of all subcontract documents and are dated as of the subcontract start date of December 19, 2005:

1. Cover Letter
2. Subcontract Agreement Form (dated 12/19/05)
3. Exhibit "A" General Conditions (dated 08/27/05)
4. Exhibit "B" Special Conditions (dated 08/27/05)
5. Exhibit "C" Quantities, Prices and Data (dated 12/19/05)
6. Exhibit "D" Scope of Work, 0000X-SW-G0546, Rev. 0 (dated 10/20/05)

Fully review all documents of the subcontract package, sign, and return one original of the Subcontract Agreement form to the subcontract specialist listed below.

All inquiries should be directed to me at the address listed below, or contact me by phone at (509) 372-9297, by fax at (509) 372-9049, or by email at erica.mccaw@wch-rcc.com.

Erica McCaw
Procurement and Property Management
3070 George Washington Way, MSIN H0-04
Richland, WA 99352

Sincerely,

Erica McCaw
Procurement and Property Management

EEM: eem

Attachment: Subcontract 0000X-SC-G0546

DEC 19 2005

Ms. Schwisow

Page 2

125208

bcc:

L. J. Dickerson H0-07 w/a

E. E. McCaw H0-04, w/o

A. L. Johnson H0-23, w/a

J. G. Salazar L1-04, w/a

**WASHINGTON CLOSURE HANFORD LLC
TECHNICAL SERVICES SUBCONTRACT**

SUBCONTRACTOR: Duratek Federal Services, Inc.
ADDRESS: 345 Hills Street
Richland, WA 99354

SUBCONTRACT NO: 0000X-SC-G0546
EFFECTIVE DATE: December 19, 2005
COMPLETION DATE: September 20, 2006

CONTACT: Ms. Sue Schwisow

WORK LOCATION: Hanford, WA

PHONE: 509-943-

ISSUING OFFICE: Hanford, WA

This Subcontract, entered into this 19th day of December 2005, by Washington Closure Hanford LLC, a corporation organized and existing under the Laws of the State of Idaho (CONTRACTOR) and Duratek Federal Services, Inc., a Corporation duly organized and existing under the Laws of the State of Washington (SUBCONTRACTOR);

All work specified below, which is a portion of the work and services to be performed by CONTRACTOR for the United States Department of Energy under Contract Number DE-AC06-05RL14655, shall be performed by the SUBCONTRACTOR in accordance with all provisions of this Subcontract, consisting of the following:

SUBCONTRACT AGREEMENT

- | | |
|--|--------------------|
| 1. Subcontract Agreement Form | (dated 12/19/2005) |
| 2. Exhibit "A" General Conditions | (dated 08/27/2005) |
| 3. Exhibit "B" Special Conditions | (dated 08/27/2005) |
| 4. Exhibit "C" Schedule of Quantities and Prices | (dated 12/19/2005) |
| 5. Exhibit "D" Scope of Work | (dated 10/20/2005) |

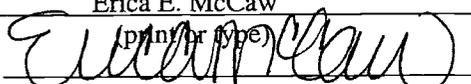
- WORK TO BE PERFORMED:** Except as specified elsewhere in this Subcontract, SUBCONTRACTOR shall furnish all professional services including any labor, materials, tools and supplies, equipment, transportation, supervision, and shall perform all operations necessary and required to satisfactorily provide, Pesticide Application for the 100, 300, and 400 Areas of the Hanford Site as fully described in Exhibit "D".
- COMPENSATION:** As full consideration for the satisfactory performance by the SUBCONTRACTOR of this Agreement, Contractor shall pay to the SUBCONTRACTOR compensation in accordance with the Exhibit "C" and in accordance with the payment provisions of this Subcontract.
- TERMS AND CONDITIONS:** This subcontract is under Technical Services Subcontract General Conditions Exhibit "A" dated 08/27/05; Technical Services Subcontract Special Conditions Exhibit "B" dated 08/27/2005; Exhibit "C" Form "A" Schedule of Quantities and Prices dated 12/19/2005 and Scope Of Work, 0000X-SW-G0546, dated 10/20/2005, and current Representations and Certifications as submitted by Duratek Federal Services, Inc.

Contactor: Washington Closure Hanford, LLC

Subcontractor: Duratek Federal Services, Inc.

By: Erica E. McCaw

By: _____

Signature: 
(print or type)

Signature: _____
(print or type)

Title: Subcontract Specialist

Title: _____

WASHINGTON CLOSURE HANFORD

EXHIBIT "A"

GENERAL CONDITIONS

WASHINGTON CLOSURE HANFORD, LLC

EXHIBIT "A"

TECHNICAL SERVICES SUBCONTRACT

GENERAL CONDITIONS

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EXHIBIT "A"

TECHNICAL SERVICES SUBCONTRACT

GENERAL CONDITIONS

GC-1 ENTIRE AGREEMENT

This Subcontract embodies the entire agreement between CONTRACTOR and SUBCONTRACTOR and supersedes all other writings. The parties shall not be bound by or be liable for any statement, representation, promise, inducement or understanding not set forth herein.

GC-2 INDEPENDENT CONTRACTOR

SUBCONTRACTOR represents that it is fully experienced, properly qualified, registered, licensed, equipped, organized, and financed to perform the Work under this Subcontract. SUBCONTRACTOR shall act as an independent contractor and not as the agent of CONTRACTOR or OWNER in performing this Subcontract, maintaining complete control over its employees and all of its lower-tier suppliers and subcontractors. Nothing contained in this Subcontract or any lower-tier purchase order or subcontract awarded by SUBCONTRACTOR shall create any contractual relationship between any lower-tier supplier or subcontractor and either CONTRACTOR or OWNER. SUBCONTRACTOR shall perform the Work hereunder in accordance with its own methods subject to compliance with the Subcontract.

GC-3 AUTHORIZED REPRESENTATIVES

Before starting Work, SUBCONTRACTOR shall designate in writing an authorized representative acceptable to CONTRACTOR to represent and act for SUBCONTRACTOR and shall specify any and all limitations of such representative's authority. Such representative shall be present or be represented at the Site of Work at all times when Work is in progress and shall be empowered to receive communications in accordance with this Subcontract on behalf of SUBCONTRACTOR. During periods when the Work is suspended, arrangements shall be made for an authorized representative acceptable to CONTRACTOR for any emergency Work that may be required. All communications given to the authorized representative by CONTRACTOR in accordance with this Subcontract shall be binding upon SUBCONTRACTOR. CONTRACTOR shall designate in writing one or more representatives to represent and act for CONTRACTOR and to receive communications from SUBCONTRACTOR. Notification of changes of authorized representatives for either CONTRACTOR or SUBCONTRACTOR shall be provided in advance, in writing, to the other party.

GC-4 NOTICES

Any notices provided for hereunder shall be in writing and may be served either personally on the authorized representative of the receiving party at the Site of Work, by facsimile, or by registered mail to the address of that party as shown on the face of the Subcontract Agreement Form or as such address may have been changed by written notice. Notices sent by facsimile shall also be sent by registered mail within seventy-two (72) hours of facsimile transmission.

GC-5 CONTRACT INTERPRETATION

All questions concerning interpretation or clarification of this Subcontract, including the discovery of conflicts, errors and omissions, or the acceptable performance thereof by SUBCONTRACTOR, shall be immediately submitted in writing to CONTRACTOR for resolution. All determinations, instructions, and clarifications of CONTRACTOR shall be final, and conclusive unless determined by a court of competent jurisdiction to have been fraudulent or capricious, or arbitrary, or so grossly erroneous as necessarily to imply bad faith, or not supported by substantial evidence. At all times, SUBCONTRACTOR shall proceed with the Work in accordance with the determinations, instructions and clarifications of CONTRACTOR. SUBCONTRACTOR shall be solely responsible for requesting instructions or interpretations and shall be solely liable for any costs and expenses arising from its failure to do so.

GC-6 ORDER OF PRECEDENCE

The Subcontract Agreement Form, all documents listed therein, and subsequently issued Change Notices and amendments are essential parts of this Subcontract and a requirement occurring in one is binding as though occurring in all. In resolving conflicts, discrepancies, errors or omissions pursuant to the General Condition titled "CONTRACT INTERPRETATION" the following order of precedence shall be used:

1. Subcontract Change Notices and Amendments, if any
2. Subcontract Agreement Form
3. Exhibit "C" - Quantities, Prices and Data
4. Exhibit "E" - Representations and Certifications
5. Exhibit "B" - Special Conditions
6. Exhibit "A" - General Conditions
7. Exhibit "D" - Scope of Work

GC-7 STANDARDS AND CODES

Wherever references are made in this Subcontract to standards or codes in accordance with which the Work under this Subcontract is to be performed, the edition or revision of the standards or codes current on the effective date of this Subcontract shall apply, unless otherwise expressly stated. In case of any conflict between any referenced standards and codes and any Subcontract Documents, the latter shall govern.

GC-8 LAWS AND REGULATIONS

All applicable laws, ordinances, statutes, rules, regulations, orders or decrees in effect at the time the Work under this Subcontract is performed, shall apply to SUBCONTRACTOR and its employees and representatives.

If during the term of this Subcontract there are changed or new laws, ordinances, statutes, rules, regulations, orders or decrees not known or foreseeable at the time of signing this Subcontract which become effective and which affect the cost or time of performance of this Subcontract, SUBCONTRACTOR shall immediately notify CONTRACTOR in writing and submit detailed documentation of such effect in terms of both time and cost of performing the Subcontract. If the Work is affected by such changed or new laws, ordinances, etc., and CONTRACTOR concurs with the effect of such changes, an equitable adjustment in compensation and time of performance will be made.

If SUBCONTRACTOR discovers any discrepancy or inconsistency between this Subcontract and any law, ordinance, statute, rule, regulation, order or decree, SUBCONTRACTOR shall report the same immediately, in writing, to CONTRACTOR who will issue such further instructions as may be necessary.

GC-9 PERMITS

Except as otherwise specified, SUBCONTRACTOR shall procure and pay for all permits and inspections, other than inspections performed by CONTRACTOR and shall furnish any bonds, security or deposits required to permit performance of the Work hereunder.

GC-10 TAXES

SUBCONTRACTOR shall pay all taxes, levies, duties and assessments of every nature due in connection with the Work under this Subcontract and shall make any and all payroll deductions required by law and hereby indemnifies and holds harmless CONTRACTOR and OWNER from any liability on account of any and all such taxes, levies, duties, assessments and deductions.

GC-11 LABOR, PERSONNEL AND WORK RULES

SUBCONTRACTOR shall employ only competent and skilled personnel to perform the Work under this Subcontract and shall at CONTRACTOR'S or OWNER'S request remove from the Work any SUBCONTRACTOR personnel unable to obtain a necessary security clearance or determined to be unfit or acting in violation of any provision of this Subcontract.

For Work performed on CONTRACTOR or OWNER premises, SUBCONTRACTOR shall observe CONTRACTOR'S or OWNER'S procedures, regulations and work rules to include, but not limited to, established Jobsite working hours.

SUBCONTRACTOR shall, to the extent permissible under applicable law, comply with the provisions of any CONTRACTOR or OWNER labor agreement(s), e.g. Project Agreement, collective bargaining agreement(s), etc. which apply to the Work under this Subcontract. SUBCONTRACTOR will pay rates of wages and shall observe hours of work and other economic terms and conditions of employment equivalent to those paid and observed by CONTRACTOR or OWNER, all of which shall be subject to CONTRACTOR'S approval.

GC-12 SAFETY AND SECURITY

SUBCONTRACTOR shall at all times conduct all operations under this Subcontract in a manner to avoid risks of bodily harm to persons, damage to any property and fire. SUBCONTRACTOR shall be solely responsible to take all precautions necessary and continuously inspect all Work, materials and equipment to discover, determine and correct any such conditions which may result in any of the aforementioned risks.

SUBCONTRACTOR shall comply with CONTRACTOR'S and OWNER'S Jobsite security requirements and at all times conduct operations under this Subcontract in a manner to avoid the risk of loss, theft, or damage by vandalism, sabotage or any other means to any Work, materials, equipment or other property.

GC-13 PUBLICITY AND ADVERTISING

SUBCONTRACTOR shall not make any announcement, take any photographs, or release any information concerning this Subcontract, or the Project, or any part thereof to any member of the public, press, business entity, or any official body unless prior written consent is obtained from CONTRACTOR.

GC-14 INSPECTION, QUALITY SURVEILLANCE, REJECTION OF MATERIALS AND WORKMANSHIP

All materials and equipment furnished and Work performed shall be properly inspected by SUBCONTRACTOR at its expense, and shall at all times be subject to quality surveillance and quality audit by CONTRACTOR, OWNER, or their authorized representatives who shall be afforded full and free access to the shops, factories or other places of business of SUBCONTRACTOR and its lower-tier suppliers and subcontractors for such quality surveillance or audit. SUBCONTRACTOR shall provide safe and adequate facilities, drawings, documents and samples as requested and shall provide assistance and cooperation including stoppage of Work to perform such examination as may be necessary to determine compliance with the requirements of the Subcontract. Any Work covered prior to any quality surveillance or test by CONTRACTOR or OWNER shall be uncovered and replaced at the expense of SUBCONTRACTOR. Failure of CONTRACTOR or OWNER to make such quality surveillance or to discover defective design, materials or workmanship shall not relieve SUBCONTRACTOR of its obligations under this Subcontract nor prejudice the rights of CONTRACTOR or OWNER thereafter to reject or require the correction of defective Work in accordance with the provisions of this Subcontract.

If any Work is determined by CONTRACTOR or OWNER to be defective or not in conformance with this Subcontract, SUBCONTRACTOR will be notified in writing and shall, at SUBCONTRACTOR'S expense, immediately remove and replace or correct such defective Work.

GC-15 CHANGES

CONTRACTOR may at any time, by written Change Notice, direct additions, deletions or changes, including acceleration or deceleration, to all or any part of the Work and SUBCONTRACTOR agrees to perform such Work as changed. If any Change Notice causes an increase or decrease in SUBCONTRACTOR'S cost of, or the time required for the performance of any part of the Work an equitable adjustment shall be made and the Subcontract modified by written amendment signed by both parties. Nothing in this clause shall excuse SUBCONTRACTOR from proceeding with the Subcontract as changed, whether or not an equitable adjustment has been made. All other modifications to this Subcontract shall only be by written amendment signed by both parties.

GC-16 EXAMINATION OF SUBCONTRACTOR'S RECORDS

SUBCONTRACTOR shall maintain books and accounts of SUBCONTRACTOR'S charges under this Subcontract in accordance with generally accepted accounting principles and practices. For the duration of the Subcontract and for a period of one year thereafter CONTRACTOR, OWNER or their representatives shall have the right to examine during SUBCONTRACTOR'S normal business hours these books and accounts and any other relevant records to the extent required to verify any reimbursable costs (excluding lump sum and established standard allowances and rates) incurred where such costs are the basis of compensation to SUBCONTRACTOR hereunder or for evaluating the reasonableness of proposed Subcontract price adjustments and claims.

GC-17 WARRANTY

SUBCONTRACTOR warrants that it will perform the services under this Subcontract with the degree of high professional skill and sound practices and judgment which is normally exercised by recognized professional firms with respect to services of a similar nature. In addition to all other rights and remedies which CONTRACTOR or OWNER may have, SUBCONTRACTOR shall, at its expense, re-perform the services to correct any deficiencies which result from SUBCONTRACTOR'S failure to perform in accordance with the above standards.

All materials and equipment, if any, incorporated into the Work under this Subcontract shall be new and of the most suitable grade of their respective kinds for their intended uses unless otherwise specified. All workmanship shall be in accordance with sound industry practices acceptable to CONTRACTOR. SUBCONTRACTOR warrants all materials, equipment and workmanship it furnishes under this Subcontract for a period of twelve (12) months after acceptance of the Project as a whole by OWNER. In the event CONTRACTOR or OWNER discover defects in the materials, equipment or workmanship at any time before the expiration of the specified warranty period, SUBCONTRACTOR shall, upon written notice from CONTRACTOR or OWNER, repair or replace, at its sole expense, any such defects. All costs incidental to such corrective action including, but not limited to, access, removal, retesting and reinspection shall be borne by SUBCONTRACTOR. If SUBCONTRACTOR fails to take corrective action within a reasonable time, CONTRACTOR or OWNER may perform the corrective measures by other reasonable means and SUBCONTRACTOR agrees to pay for such corrective measures. SUBCONTRACTOR further warrants any and all corrective measures for a period of twelve (12) months following their acceptance by OWNER or CONTRACTOR.

GC-18 INDEMNITY

SUBCONTRACTOR hereby releases and shall indemnify, defend and hold harmless CONTRACTOR, OWNER, and their subsidiaries and affiliates and the officers, agents, employees, successors and assigns and authorized representatives of all the foregoing from and against any and all suits, actions, legal or administrative proceedings, claims, demands, damages, liabilities, interest, attorney's fees, costs and expenses of whatsoever kind or nature, including those arising out of injury to or death of SUBCONTRACTOR'S employees, whether arising before or after completion of the Work hereunder and in any manner directly or indirectly caused, occasioned, or contributed to in whole or in part, or claimed to be caused, occasioned or contributed to in whole or in part, by reason of any act, omission, fault or negligence whether active or passive of SUBCONTRACTOR, its lower-tier suppliers, subcontractors or of anyone acting under its direction or control or on its behalf in connection with or incidental to the performance of this Subcontract. SUBCONTRACTOR'S aforesaid release, indemnity and hold harmless obligations, or portions or applications thereof, shall apply even in the event of the fault or negligence, whether active or passive, or strict liability of the parties released, indemnified or held harmless to the fullest extent permitted by law, but in no event shall they apply to liability caused by the willful misconduct or sole negligence of the party released, indemnified or held harmless.

GC-19 PATENT AND COPYRIGHT INDEMNITY

SUBCONTRACTOR hereby indemnifies and shall defend and hold harmless CONTRACTOR, OWNER and their representatives from and against any and all claims, actions, losses, damages, and expenses, including attorney's fees, arising from any claim, whether rightful or otherwise, that any concept, product, equipment, material, process, copyrighted material or confidential information, or any part thereof, furnished by SUBCONTRACTOR under this Subcontract constitutes an infringement of any patent or copyrighted material or a theft of trade secrets. If use of any part of such concept, product, equipment, material, process, copyrighted material or confidential information is limited or prohibited, SUBCONTRACTOR shall, at its sole expense, procure the necessary licenses to use the infringing or a modified but non-infringing concept, product, equipment, material, process, copyrighted material or confidential information or, with CONTRACTOR'S or OWNER'S prior written approval, replace it with substantially equal but non-infringing concepts,

products, equipment, materials, processes, copyrighted material or confidential information; provided, however,

- (a) That any such substituted or modified concepts, products, equipment, material, processes, copyrighted material or confidential information shall meet all the requirements and be subject to all the provisions of this Subcontract, and
- (b) That such replacement or modification shall not modify or relieve SUBCONTRACTOR of its obligations under this Subcontract.

The foregoing obligation shall not apply to any concept, product, equipment, material, process, copyrighted material or confidential information the detailed design of which (excluding rating and/or performance specifications) has been furnished in writing by CONTRACTOR or OWNER to SUBCONTRACTOR.

GC-20 ASSIGNMENTS AND SUBCONTRACTS

Any assignment of this Subcontract or rights hereunder, in whole or part, without the prior written consent of CONTRACTOR shall be void, except that upon ten (10) calendar days written notice to CONTRACTOR, SUBCONTRACTOR may assign monies due or to become due under this Subcontract, provided that any assignment of monies shall be subject to proper set-offs in favor of CONTRACTOR and any deductions provided for in this Subcontract.

SUBCONTRACTOR shall not subcontract with any third party for the performance of all or any portion of the Work without the advance written approval of CONTRACTOR. Lower-tier subcontracts and purchase orders must include provisions to secure all rights and remedies of CONTRACTOR and OWNER provided under this Subcontract, and must impose upon the lower-tier subcontractor and supplier all of the general duties and obligations required to fulfill this Subcontract.

Copies of all purchase and subcontract agreements are to be provided to CONTRACTOR upon request. Pricing may be deleted unless the compensation to be paid thereunder is reimbursable under this Subcontract.

No assignment or subcontract will be approved which would relieve SUBCONTRACTOR or its sureties, if any, of their responsibilities under this Subcontract.

GC-21 SUSPENSION

CONTRACTOR may by written notice to SUBCONTRACTOR suspend the Work under this Subcontract in whole or in part at any time. Upon receipt of such notice, SUBCONTRACTOR shall discontinue Work to the extent specified in the notice; continue to protect and maintain the Work; and take any other steps to minimize costs associated with such suspension. As full compensation for such suspension SUBCONTRACTOR will be reimbursed for the following costs, to the extent such costs directly result from such suspension:

- (a) A standby charge, to be paid during the period of suspension, sufficient to compensate SUBCONTRACTOR for keeping its organization and equipment committed on a standby basis, and
- (b) All reasonable costs associated with mobilization and demobilization of SUBCONTRACTOR'S personnel and equipment and the protection of that portion of the Work on which performance has been suspended.

GC-22 TERMINATION

CONTRACTOR may by written notice to SUBCONTRACTOR terminate this Subcontract in whole or in part at any time, either for CONTRACTOR'S convenience or for the default of SUBCONTRACTOR. Upon such termination, all data, plans, specifications, reports, estimates, summaries, completed Work and Work in progress, and such other information and materials as may have been accumulated by SUBCONTRACTOR in performing this Subcontract shall, in the manner and to the extent determined by CONTRACTOR, become the property of and be delivered to CONTRACTOR. If the termination is for the convenience of CONTRACTOR, an equitable adjustment shall be made by agreement between SUBCONTRACTOR and CONTRACTOR in the compensation to be paid SUBCONTRACTOR under this Subcontract but no amount shall be allowed for anticipated profit on unperformed Work.

If the termination is attributable to the default of SUBCONTRACTOR, CONTRACTOR shall have the right to complete such Work by whatever method CONTRACTOR may deem expedient, including employing another contractor under such form of agreement as CONTRACTOR may deem advisable, or CONTRACTOR may perform any part of such Work that has been terminated. The expense of so completing such Work together with a reasonable charge for administering any agreement for such completion will be charged to SUBCONTRACTOR and such expense will be deducted by CONTRACTOR from such monies as may be due or may at any time thereafter become due to SUBCONTRACTOR. In case such expense exceeds the sum which would have otherwise been payable under this Subcontract, then SUBCONTRACTOR shall be liable for and shall, upon notice from CONTRACTOR, promptly pay to CONTRACTOR the amount of such excess.

GC-23 FINAL INSPECTION AND ACCEPTANCE

When SUBCONTRACTOR considers the Work, or any independently identifiable portion of the Work, under this Subcontract to be complete and ready for acceptance, SUBCONTRACTOR shall notify CONTRACTOR in writing. CONTRACTOR, with SUBCONTRACTOR'S cooperation, will conduct such reviews, inspections and tests as may be reasonably required to satisfy CONTRACTOR that the Work, or identified portion of the Work, conforms to all requirements of the Subcontract. If all or any part of the Work covered by SUBCONTRACTOR'S notice does not conform to Subcontract requirements, CONTRACTOR shall notify SUBCONTRACTOR of such nonconformance and SUBCONTRACTOR shall take corrective action in accordance with the General Condition titled "INSPECTION, QUALITY SURVEILLANCE, REJECTION OF MATERIALS AND WORKMANSHIP" and have the nonconforming Work reinspected until accepted. CONTRACTOR'S written acceptance shall be final and conclusive except with regard to latent defects, fraud or such gross mistakes as amount to fraud, or with regard to CONTRACTOR'S and OWNER'S rights under the General Condition titled "WARRANTY".

GC-24 NON-WAIVER

Failure by CONTRACTOR to insist upon strict performance of any terms or conditions of this Subcontract, or failure or delay to exercise any rights or remedies provided herein or by law, or failure to properly notify SUBCONTRACTOR in the event of breach, or the acceptance of or payment for any goods or services hereunder, or the review or failure to review designs shall not release SUBCONTRACTOR from any of the warranties or obligations of this Subcontract and shall not be deemed a waiver of any right of CONTRACTOR or OWNER to insist upon strict performance hereof or any of its rights or remedies as to any prior or subsequent default hereunder nor shall any termination of Work under this Subcontract by CONTRACTOR operate as a waiver of any of the terms hereof.

GC-25 SURVIVAL

The rights and obligations of the parties which by their nature survive termination or completion of this Subcontract including, but not limited to, those set forth in the General Conditions titled "WARRANTY" and "INDEMNITY" shall remain in full force and effect.

GC-26 HOLD HARMLESS

A. If CONTRACTOR is subjected to any liability as the result of SUBCONTRACTOR'S or its lower tier subcontractor's failure when required to:

- 1) submit and certify accurate, complete and current cost or pricing data,
- 2) furnish certification of data of any description that is accurate, complete and current,
- 3) comply with the requirements of the FAR and/or DEAR clauses relating to cost accounting standards and practices, or
- 4) provide such information, substantiation and assurance as reasonably required by CONTRACTOR in the event that CONTRACTOR is required to certify any claim to the OWNER and the Government which includes as a component thereof any SUBCONTRACTOR claim,

then the SUBCONTRACTOR agrees to indemnify and hold harmless CONTRACTOR from any expense, liability, responsibility or penalty that may be imposed upon CONTRACTOR by the OWNER or the Government as the result of any false or improper certification by the SUBCONTRACTOR or as the result of CONTRACTOR'S reasonable reliance upon the information, substantiation or assurance provided by the SUBCONTRACTOR in support of its claim and CONTRACTOR'S certification thereof.

B. As to all matters relating to Cost Accounting Standards, SUBCONTRACTOR shall:

- 1) communicate and otherwise deal directly with
- 2)
 - a) the OWNER when CONTRACTOR so authorizes, and
 - b) cognizant Government audit agencies to the extent practicable and permissible.
- 2) provide CONTRACTOR with copies of all communications, excluding sensitive business information, between SUBCONTRACTOR and the OWNER.

C. SUBCONTRACTOR agrees to indemnify CONTRACTOR if any of its actions, acting alone or in concert with anyone but CONTRACTOR, causes the OWNER to exercise its rights under the clauses of the Prime Contract or this Subcontract entitled "Gratuities" or "Covenant Against Contingent Fees".

D. This hold harmless agreement shall be in addition to any other remedies provided under this Subcontract or by law.

GC-27 ENVIRONMENTAL PROTECTION

A. The SUBCONTRACTOR shall comply, as applicable, with the following:

- Atomic Energy Act of 1954
- Department of Energy Organizational Act
- Resource Conservation and Recovery Act of 1976
- Comprehensive Environmental Response, Compensation, and Liability Act of 1980
- Safe drinking Water Act
- Toxic Substances Act
- Federal Insecticide, Fungicide and Rodenticide Act
- Marine Protection, Research, and Sanctuaries Act of 1972
- Coastal Zone Management Act of 1972
- Coastal Barrier Resource Act of 1982
- Nuclear Waste Policy Act of 1982
- Low-Level Radioactive Waste Policy Act
- Uranium Mill Tailings Radiation Control Act of 1979
- Title 40 of the Code of Federal Regulations, parts 247 through 253 (solid wastes, guidelines for procurement of certain products that contain recycled/recovered materials)
- CFR Title 10, parts involving environmental protection and related requirements for contractors
- DOE directives involving requirements for contractors
- Other Federal and non-Federal environmental protection laws codes, ordinances, regulations, and requirements. Failure to list a law above, or to identify a requirement having the force and effect of law, shall not be construed as waiving a requirement for the Seller to comply with such law or requirement.

B. The SUBCONTRACTOR shall assist the CONTRACTOR and OWNER in complying with the following:

- The National Environmental Policy Act of 1969
- The Endangered Species Act of 1973
- The Fish and Wildlife Coordination Act
- The Noise Control Act of 1972

- The National Historic Preservation Act of 1968
- The Wild and Scenic Rivers Act
- Farmland Protection Policy Act of 1981
- Executive Order 11988 of May 24, 1977, Protection of Wetlands
- Executive Order 11990 of May 24, 1977, Protection of Wetlands
- Executive Order 12088 of October 13, 1978, Federal Compliance with Pollution Control Standards
- Executive Order 12580 of January 23, 1987, Superfund Implementation
- Office of Management and Budget Circular No. A-106 of December 31, 1974, Reporting Requirements in Connection with the Prevention, Control, and Abatement of Environmental Pollution of Existing Federal Facilities.

GC-28 HANFORD SITE EMERGENCY

The RL Manager or designee shall have sole discretion to determine when an emergency situation exists at the Hanford Site, except for River Protection Project facilities, affecting site personnel, the public health, safety, the environment, or security. The Manager, Office of River Protection (ORP), or designee has the discretion to determine whether an emergency situation exists under the Waste Treatment and Immobilization Plant contract and other ORP contract areas of work that might affect RL workers. In the event that either the RL or ORP Manager or designee determines such an emergency exists, the RL Manager or designee will have the authority to direct any and all activities of the Subcontractor and lower tier subcontractors necessary to resolve the emergency situation. The RL Manager or designee may direct the activities of the Subcontractor and lower subcontractors throughout the duration of the emergency.

The Subcontractor shall include this clause in all subcontracts at any tier for work performed at the Hanford Site.

GC-29 DISPUTES

SUBCONTRACTOR shall proceed diligently with performance of the Work, pending final resolution of any request for relief, dispute, claim, appeal, or action arising under the Agreement, and comply with any decision of CONTRACTOR. SUBCONTRACTOR shall not be entitled to and neither CONTRACTOR nor OWNER shall be liable to SUBCONTRACTOR or its lower-tier suppliers or subcontractors in tort (including negligence), or contract except as specifically provided in this Agreement.

Any claim for an adjustment to the Agreement price or time of performance which cannot be resolved by negotiation shall be considered a dispute within the meaning of this clause.

If for any reason SUBCONTRACTOR and CONTRACTOR are unable to resolve a claim for an adjustment, SUBCONTRACTOR or CONTRACTOR shall notify the other party in writing that a dispute exists and request or provide a final determination by CONTRACTOR. Any such request by SUBCONTRACTOR shall be clearly identified by reference to this clause and shall summarize the facts in dispute and SUBCONTRACTOR'S proposal for resolution.

If CONTRACTOR'S final determination is not accepted by SUBCONTRACTOR the matter shall, within thirty (30) calendar days, be referred to senior executives of the parties who shall have designated authority to settle the dispute. The parties shall promptly prepare and exchange memoranda stating the issues in dispute and their respective positions, summarizing the negotiations that have taken place and attaching relevant documents.

The senior executives will meet for negotiations at a mutually agreed time and place. If the matter has not been resolved within thirty (30) calendar days of the commencement of such negotiations, the parties agree to consider resolution of the dispute through some form of Alternative Dispute Resolution (ADR) process that is mutually acceptable to the parties.

Should the parties agree to pursue an ADR process; each party will be responsible for its own expenses incurred to resolve the dispute during the ADR process.

If the parties do not agree to an ADR process or are unable to resolve the dispute through ADR, either party shall then have the right to pursue any legal remedy.

GC-30 GOVERNMENT FLOWDOWNS

The Federal Acquisition Regulation (FAR), the Department of Energy (DOE) FAR Supplement (DEAR) clauses, and the DOE Procurement Regulations incorporated herein shall have the same force and effect as if printed in full text. Upon request, CONTRACTOR will make their full text available. Wherever necessary to make the context of the FAR and DEAR clauses applicable to this Subcontract, the term "Contractor" shall mean "SUBCONTRACTOR", the term "Contract" shall mean this Subcontract, and the term "Government", "Contracting Officer" and equivalent phrases shall mean the CONTRACTOR'S representative, except the terms "Government" and "Contracting Officer" do not change: (1) in the phrases "Government Property", "Government-Furnished Property", and "Government-Owned Property"; (2) in the patent clauses incorporated herein; (3) when a right, act, authorization or obligation can be granted or performed only by the Government's duly authorized representative; (4) when title to property is to be transferred directly to the Government; (5) when access to proprietary financial information or other proprietary data is required except for authorized audit rights; and (6) where specifically modified herein.

GC-29.1 APPLICABLE TO ALL SUBCONTRACTS

CLAUSE	TITLE	INSTRUCTIONS
52.203-1	OFFICIALS NOT TO BENEFIT (APR 1984)	
52.203-3	GRATUITIES (APR 1984)	SUBCONTRACTOR shall indemnify CONTRACTOR if any of SUBCONTRACTOR'S actions acting alone or in concert with anyone except CONTRACTOR causes Government to exercise its rights under FAR 52.203-3
52.203-5	COVENANT AGAINST CONTINGENT FEES (APR 1984)	SUBCONTRACTOR shall indemnify CONTRACTOR if any of SUBCONTRACTOR'S actions acting alone or in concert with anyone except CONTRACTOR causes Government to exercise its rights under FAR 52.203-5
52.203-6	RESTRICTIONS ON SUBCONTRACTOR SALES TO THE GOVERNMENT (JUL 1985)	
52.203-7	ANTI-KICKBACK PROCEDURES (FEB 1987)	Add to ¶ (c)(2): "SUBCONTRACTOR shall notify CONTRACTOR when such action has been taken." In the first sentence of ¶ (c)(4) 'the Contracting Officer may...' is replaced by 'after the Contracting Officer has effected an offset at the prime contract level or has directed CONTRACTOR to withhold any sum from the SUBCONTRACTOR, SUBCONTRACTOR shall ...'
52.208-1	REQUIRED SOURCE(S) FOR JEWEL BEARINGS AND RELATED ITEMS (APR 1984)	
52.210-5	NEW MATERIAL (APR 1984)	
52.210-7	USED OR RECONDITIONED, MATERIAL, REGIONAL INVENTORY AND FORMER GOVERNMENT SURPLUS PROPERTY (APR 1984)	
52.212-13	STOP WORK ORDER (AUG 1984)	
52.222-1	NOTICES TO THE GOVERNMENT OF LABOR DISPUTES (APR 1984)	
52.222-3	CONVICT LABOR (APR 1984)	
52.222-26	EQUAL OPPORTUNITY (APR 1984)	
52.223-3	HAZARDOUS MATERIAL IDENTIFICATION AND MATERIAL SAFETY DATA (NOV 1991)	
52.224-2	PRIVACY ACT (APR 1984)	

52.225-3	BUY AMERICAN ACT-SUPPLIES (JAN 1989)	'Agency' means CONTRACTOR. SUBCONTRACTOR is solely responsible for compliance with this clause and agrees to indemnify and hold harmless CONTRACTOR from any and all direct, and indirect or consequential expenses or other damages relating to or arising out of the failure of SUBCONTRACTOR or its subcontractors of any tier to comply with this clause and the Buy American Act.
52.225-11	RESTRICTIONS ON CERTAIN FOREIGN PURCHASING (MAY 1992)	
52.232-17	INTEREST (JAN 1991)	
52.233-1	DISPUTES - ALTI (DEC 1991)	
52.233-3	PROTEST AFTER AWARD (AUG 1989)	
52.246-2	INSPECTION OF SUPPLIES (FIXED PRICE) (JUL 1985)	the provisions in the clause for access, rights to inspect, safety protection and relief from Liability apply equally to Buyer and Government
52.246-16	RESPONSIBILITY FOR SUPPLIES (APR 1984)	
952.204-2	SECURITY (OCT 1987)	

GC-29.1 APPLICABLE TO ALL SUBCONTRACTS

CLAUSE	TITLE	INSTRUCTIONS
952.204-70	CLASSIFICATION (APR 1986)	
952.204-74	FOREIGN OWNERSHIP CONTROL, OR INFLUENCE OVER CONTRACTOR (REPRESENTATION) (APR 1984)	
952.227-73	ADDITIONAL TECHNICAL DATA REQUIREMENTS (APR 1984)	
952.227-75	RIGHTS IN TECHNICAL DATA - LONG FORM (APR 1984)	
952.227-82	RIGHTS IN PROPOSAL DATA (APR 1984)	
9-9.102-2	AUTHORIZATION AND CONSENT (APR 1984)	
9-9.103-3	INTELLECTUAL PROPERTY INDEMNITY (JUN 1979)	
9-9.104	NOTICE AND ASSISTANCE REGARDING PATENT AND COPYRIGHT INFRINGEMENT (JUN 1979)	
9-9.106	CLASSIFIED INVENTIONS (JUN 1979)	
9-9.110(c)	REPORTING OF ROYALTIES (JUN 1979)	Government means Buyer in first sentence

GC-29.2 APPLICABLE TO SUBCONTRACTS OVER \$2,500

CLAUSE	TITLE
52.222.4	CONTRACT WORK HOURS AND SAFETY STANDARDS ACT - OVERTIME COMPENSATION (MAR 1988)
52.222.3 6	AFFIRMATIVE ACTION FOR HANDICAPPED WORKERS (APR 1984)

GC-29.3 APPLICABLE TO SUBCONTRACTS OVER \$10,000

CLAUSE	TITLE
52.215-1	EXAMINATION OF RECORDS BY COMPTROLLER GENERAL (FEB 1993)
52.215-2	AUDIT - NEGOTIATION
52.219-8	UTILIZATION OF SMALL BUSINESS CONCERNS AND SMALL DISADVANTAGED BUSINESS CONCERNS (FEB 1990)
52.222-	WALSH HEALEY PUBLIC CONTRACTS ACT (APR 1984)
52.222-	AFFIRMATIVE ACTION FOR SPECIAL DISABLED AND VIETNAM ERA VETERANS (APR 1984)
52.222-	EMPLOYMENT REPORTS ON SPECIAL DISABLED VETERANS AND VETERANS OF THE

GC-29.4 APPLICABLE TO SUBCONTRACTS OF \$25,000 OR MORE

CLAUSE	TITLE	INSTRUCTIONS
52.203-10	PRICE OR FEE ADJUSTMENT FOR ILLEGAL OR IMPROPER ACTIVITY (SEP 1990)	In addition to any other remedies provided by law or under this Order, if Buyer is subjected to any liability as the result of Seller's or its lower-tier subcontractors' violation of subsection 27(a) of the Office of Federal Procurement Policy Act, as amended (41 U.S.C. 423), as implemented in the FAR, then Seller agrees to indemnify and hold Buyer harmless to the full extent of any loss, damage or expense resulting from such failure.
52.223-6	DRUG-FREE WORKPLACE (JUL 1990)	
52.242-13	BANKRUPTCY (APR 1991)	

GC-29.5 APPLICABLE TO ORDERS OVER \$100,000

CLAUSE	TITLE
52.215-26 ALT 1	INTEGRITY OF UNIT PRICES (APR 1987)
52.215-39	REVERSION OR ADJUSTMENT OF PLANS FOR POSTRETIREMENT BENEFITS OTHER THAN PENSION (JUL 1991)
52.223-2	CLEAN AIR AND WATER (APR 1984)

GC-29.6 APPLICABLE TO ORDERS OVER \$500,000

CLAUSE	TITLE
52.215-20	REQUIREMENTS FOR COST OR PRICING DATA OR INFORMATION OTHER THAN
52.215-22	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA (OCT 1995)
52.215-23	PRICE REDUCTION FOR DEFECTIVE COST OR PRICING DATA - MODIFICATIONS
52.215-24	SUBCONTRACTOR COST OR PRICING DATA - MODIFICATIONS (OCT 1995)
52.215-25	SUBCONTRACTOR COST OR PRICING DATA (OCT 1995)
52.219-9	SMALL BUSINESS AND SMALL DISADVANTAGED BUSINESS SUBCONTRACTING
52.219-16	LIQUIDATED DAMAGES - SMALL BUSINESS SUBCONTRACTING PLAN (AUG 1989)
52.220-4	LABOR SURPLUS AREA SUBCONTRACTING PROGRAM (APR 1984)
52.230-3	DISCLOSURE AND CONSISTENCY OF COST ACCOUNTING PRACTICES (AUG 1992)

GC-29.7 APPLICABLE TO ORDERS OVER \$1,000,000

CLAUSE	TITLE	INSTRUCTIONS
52.222-28	EQUAL OPPORTUNITY PREAWARD CLEARANCE OF SUBCONTRACTS (APR 1984)	

WASHINGTON CLOSURE HANFORD

EXHIBIT "B"

SPECIAL CONDITIONS

WASHINGTON CLOSURE HANFORD, LLC

EXHIBIT "B"

TECHNICAL SERVICES SUBCONTRACT

SPECIAL CONDITIONS

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EXHIBIT "B"

TECHNICAL SERVICES SUBCONTRACT

SPECIAL CONDITIONS

SC-1 DEFINITIONS

"**CONTRACTOR**" means Washington Closure Hanford LLC and all of its authorized representatives acting in their professional capacities in performance of OWNER'S Contract No. DE-AC06-05RL04655. To the extent that the CONTRACTOR is not the ultimate user of the services required herein, all rights, benefits and remedies conferred upon CONTRACTOR by this Subcontract shall also accrue and be available to and are for the express benefit of the OWNER for which the Services are required.

"**Jobsite**" and "**Site**" means the location(s) at which or for which the Services will be provided.

"**OWNER**" means the United States Department of Energy (DOE)/United States Government.

"**Work**" and "**Services**" means all technical and professional Services and responsibilities to be performed by the SUBCONTRACTOR as specified, stated, indicated or implied in this Subcontract, including the furnishing and supervision of all technical personnel and the supply of all equipment, materials and supplies necessary or required to perform this Subcontract.

"**SUBCONTRACTOR**" means the company, corporation, partnership, individual or other entity to which this Subcontract is issued, its authorized representatives, successors, and permitted assigns.

"**Program**" means the performance of the requirements of Contract No. DE-AC06-05RL14655.

SC-2 INSURANCE REQUIREMENTS -

Notwithstanding any other provisions of this Subcontract, SUBCONTRACTOR shall, at its sole expense, maintain in effect at all times during the performance of the Work insurance coverage with limits not less than those set forth below and with insurers and under forms of policies satisfactory to CONTRACTOR:

- (a) Workers' Compensation as required by any applicable law or regulation.

If there is an exposure of injury to Contractors' employees under the U.S. Longshoremen's and Harbor Workers' Compensation Act, the Jones Act or under laws, regulations or statutes applicable to maritime employees, coverage shall be included for such injuries or claims.

- (b) Employer's Liability of not less than:

\$500,000 each accident

- (c) Commercial General Liability with combined single limits of liability for bodily injury, property damage and personal injury of not less than:

\$ 500,000	Each Occurrence Limit
\$ 500,000	Personal Injury Limit
\$1,000,000	Products-Completed Operations Aggregate Limit
\$1,000,000	General Annual Aggregate Limit (other than Products-Completed Operations)

- (d) Automobile Liability (Owned, hired and non-owned) with combined single limits of liability for bodily injury or property damage of not less than: \$500,000 any one occurrence

SC-2 INSURANCE REQUIREMENTS

The required limits may be satisfied by a combination of a primary policy and an excess or umbrella policy.

Coverage (c) shall apply to the indemnity agreement in the General Condition titled "INDEMNITY" and shall include CONTRACTOR and OWNER, their officers and employees, each as additional insured but only with respect to liability arising out of operations for CONTRACTOR and OWNER by or for the SUBCONTRACTOR. Such insurance shall be primary as respects the additional insured and shall include a cross liability clause. Such insurance shall be on an occurrence policy form; not a claim made form. Prior to commencing performance of any work or site mobilization, SUBCONTRACTOR shall furnish CONTRACTOR with Certificates of Insurance (identifying on the face thereof the Project Name and Subcontract No.) as evidence of the above required insurance and such Certificates shall provide for thirty (30) calendar days written notice to CONTRACTOR prior to cancellation, termination or alteration thereof.

Neither CONTRACTOR nor OWNER is maintaining any insurance on behalf of SUBCONTRACTOR covering loss or damage to the Work or to any other property of SUBCONTRACTOR unless otherwise specifically set forth herein.

None of the requirements contained herein as to types, limits and approval of insurance coverage to be maintained by SUBCONTRACTOR are intended to and shall not in any manner limit or qualify the liability and obligations assumed by SUBCONTRACTOR under this Subcontract.

SUBCONTRACTOR shall deliver the original and two (2) copies of the Certificate of Insurance and any notices of cancellation, termination or alteration of such policies to the address shown on the face of this Subcontract or as directed by the designated CONTRACTOR authorized representative.

SC-3 WORKERS' COMPENSATION REPORTING REQUIREMENTS

The SUBCONTRACTOR will be required to provide workers' compensation in accordance with the statutes of the State of Washington (Title 51, Revised Code of Washington) for performance of work under this Subcontract at the Hanford Site, including work subcontracted. The SUBCONTRACTOR shall be responsible for making all payments and submitting all reports required by Title 51, Section 51.32.073, Revised Code of Washington.

SC-4 PERFORMANCE PERIOD AND OPTIONAL YEARS

SUBCONTRACTOR shall furnish sufficient forces, equipment, and facilities and shall work such hours to assure prosecution of the Work to completion in accordance with the following Milestone Dates:

Commence Work December 19, 2005

Complete All Work September 30, 2006

Contractor reserves the right to extend the performance period of this subcontract at any time upon written notification to the Subcontractor.

Optional Performance Periods: WCH reserves the right to exercise the optional performance period with written notification to subcontractor thirty (30) days prior to completion date identified in item 4.1 above. The award of the optional performance period of this Master Agreement does not contain the promise of any work.

SC-5 SCHEDULES

If requested by CONTRACTOR, SUBCONTRACTOR shall, within ten (10) calendar days from and after SUBCONTRACTOR'S receipt of written notice of award, and before the first payment is made, submit to CONTRACTOR for approval a detailed Subcontract Schedule meeting the dates established in the Special Condition titled "COMMENCEMENT, PROSECUTION AND COMPLETION OF THE WORK" and shall show all activities and sequence of operations needed for the orderly performance and completion of any separable parts of any Work, inclusive of off-Site Work, and all Work in accordance with this subcontract.

The Subcontract Schedule shall be complete in all respects and shall include a personnel forecast by classification. SUBCONTRACTOR shall promptly inform CONTRACTOR of any proposed change in the schedule and shall furnish CONTRACTOR with a revised schedule within ten (10) calendar days after approval by CONTRACTOR of such change. The schedule shall be kept up to date, taking into account the actual progress of Work and shall be revised, if necessary, every thirty (30) calendar days. The revised schedule shall, as determined by CONTRACTOR, be sufficient to meet the requirements for the completion of the separable parts of any and all Work and the entire project as set forth in this Subcontract.

SC-6 PROGRESS REPORTING

If required, on a monthly basis the SUBCONTRACTOR shall provide to CONTRACTOR a concise summary report describing the Work accomplished during the reporting period, Work forecasted to be completed during the next reporting period and a summary of problem areas. Report shall include a schedule update showing Work completed, items rescheduled, personnel utilization and personnel re-forecasts. For Work performed on a lump sum basis, the report shall include an show total amount previously billed and the amount earned during the reported month, by Subcontract Pay Item. The report shall be submitted by the fifth calendar day after the end of the month being reported.

SC-7 INVOICING AND PROGRESS

For unit rate or cost reimbursable subcontracts, SUBCONTRACTOR shall submit invoices only after satisfactory completion and CONTRACTOR approval of any work. SUBCONTRACTOR invoices shall identify the individual (s), the number of hours billed, the dates of work, the hourly rate and the designated code of accounts. Any rate invoiced must be authorized by this Subcontract. Time sheets will be submitted to the STR on a weekly basis and will be maintained by the Subcontract Technical Representative (STR). Time records so submitted will be basis for reconciliation and approval of invoices.

The CONTRACTOR shall pay the SUBCONTRACTOR as follows upon the submission of invoices or vouchers approved by the CONTRACTOR:

A. Hourly Rate & Subcontract Value:

1. The amounts shall be computed by multiplying the appropriate hourly rates prescribed in the Schedule by the number of direct labor hours performed. The rates shall include wages, indirect cost, general and administrative (G & A) expense and profit. Fractional parts of an hour shall be payable on a prorated basis. Vouchers may be submitted once each month (or at more frequent intervals, if approved by the CONTRACTOR). The CONTRACTOR shall substantiate vouchers by evidence of actual payment and by individual work tickets, or other substantiation approved by the CONTRACTOR.
2. Rates invoiced must be authorized under this subcontract. Overtime or premium pay rate of any type are not authorized.
3. Contractor shall not be responsible for work per above the Not-To-Exceed value of this subcontract without a written modification.
4. Contractor may terminate subcontract at any time with payment for work authorized, performed and accepted.
5. Any overtime rates (if included in Exhibit "C") shall not apply to any work performed during any standard Hanford site work schedule such as 5-8s, 8-9s, 4-10s etc.
6. Overtime shall not be allowable without express written authorization of the Subcontract Technical representative or his designee.
7. See Exhibit "C" for applicability of Overtime rates.

B. Invoices and Requests for payment

To constitute a proper invoice, the following information must be included and attached:

1. Subcontractor's name and invoice date
2. Subcontract Number
3. Invoice Number
4. Quantities, subcontract line items, personnel time sheets and unit prices of services rendered, and accepted;
5. Name (where practicable) title, phone number and complete mailing address of responsible official to whom payment is to be sent.
6. Other substantiating documentation or information as required by the Subcontract.

SUBCONTRACTOR shall submit all billings, including the final billing, detailed by Subcontract Line Item number in original and two (2) copies to:

WASHINGTON CLOSURE HANFORD LLC.

3070 George Washington Way

Richland, WA 99354

Attention: Accounts Payable

Reference: Subcontract No. 0000X-SC-G0546

Failure to specify the full Subcontract Number or to submit full supporting documentation may be cause for invoice rejection or delay in payment.

As a condition precedent to final payment, **SUBCONTRACTOR** shall submit a fully executed Release and Certificate of Final Payment.

A request for payment form has been attached. All invoices for payment shall be accompanied by a request for payment form.

SC-8 NONDISCLOSURE

SUBCONTRACTOR agrees not to divulge to third parties, without the written consent of **CONTRACTOR**, any information obtained from or through **CONTRACTOR** or **OWNER** in connection with the performance of this Subcontract unless:

- (a) The information is known to **SUBCONTRACTOR** prior to obtaining the same from **CONTRACTOR** or **OWNER**;
- (b) The information is, at the time of disclosure by **SUBCONTRACTOR**, then in the public domain; or
- (c) The information is obtained by **SUBCONTRACTOR** from a third party who did not receive same, directly or indirectly from **CONTRACTOR** or **OWNER** and who has no obligation of secrecy with respect thereto.

SUBCONTRACTOR further agrees that it will not, without the prior written consent of **CONTRACTOR**, disclose to any third party any information developed or obtained by **SUBCONTRACTOR** in the performance of this Subcontract except to the extent that such information falls within one of the categories described in (a), (b), or (c) above.

If so requested by **CONTRACTOR**, **SUBCONTRACTOR** further agrees to require its employees to execute a nondisclosure agreement prior to performing any Work under this Subcontract.

SC-9 RESERVED

SC-10 SITE CONDITIONS

SUBCONTRACTOR shall have the sole responsibility for satisfying itself concerning the nature and location of Work and the general and local conditions, including but not limited to the following:

1. Transportation, access, disposal, handling and storage of materials,
2. Availability and quality of labor, water, electric power and road conditions,
3. Climatic conditions, tides, and seasons,
4. River hydrology and river stages,
5. Physical conditions at the Jobsite and the Project area as a whole,
6. Topography and ground surface conditions, and
7. Equipment and facilities needed preliminary to and during the performance of SUBCONTRACTOR'S Work.

The failure of SUBCONTRACTOR to acquaint itself with any applicable conditions will not relieve SUBCONTRACTOR of the responsibility for properly estimating either the difficulties or the cost of successfully performing SUBCONTRACTOR'S obligations under this subcontract.

Where CONTRACTOR or OWNER has made investigations of subsurface conditions in areas where Work is to be performed under this subcontract, such investigations are made by CONTRACTOR and OWNER for the purpose of study and design. If the records of such investigation are included in the Subcontract documents, the interpretation of such records shall be the sole responsibility of SUBCONTRACTOR. Neither CONTRACTOR nor OWNER assumes any responsibility whatsoever in respect to the sufficiency or accuracy of such investigations, the records thereof, or of the interpretations set forth and there is no warranty or guarantee, either express or implied, that the conditions indicated by such investigations or records thereof are representative of those existing throughout such areas, or any part thereof, or that unforeseen developments may not occur, or that materials other than or in proportions different from those indicated may not be encountered.

SC-11 QUALITY CONTROL/ASSURANCE

All Work shall be performed in accordance with the Quality Control/Assurance requirements specified elsewhere in this Subcontract. If the Subcontract requires the SUBCONTRACTOR to utilize its own Quality Control/Assurance Program, such programs shall be submitted to CONTRACTOR for prior approval.

SC-12 RESERVED

SC-13 AUTHORITY OF PERSONNEL

- A. The CONTRACTOR will designate a Subcontract Administrator Erica McCaw 509-372-9297 who will be responsible for administering the Subcontract terms and conditions and who shall act as the CONTRACTOR'S authorized representative. Additionally, all correspondence shall be issued and received by the designated Subcontract Administrator. The only individual authorized to direct the SUBCONTRACTOR to deviate from the express, written terms of the Subcontract is the authorized Subcontract Administrator
- B. The CONTRACTOR will designate a Subcontract Technical Representative (STR) April Johnson or her Designee who will be responsible for the technical aspects of the performance of the Subcontract. The STR may designate other personnel to oversee the performance of the Work, sign field tickets, etc. However, the designated STR retains ultimate authority over the technical aspects of the Work. Should the SUBCONTRACTOR and STR disagree over the technical requirements of the Subcontract, such matters will be immediately referred to the CONTRACTOR'S Subcontract Administrator for resolution. The STR does not possess authority, express or implied, to direct the SUBCONTRACTOR to deviate from the terms and conditions of the Subcontract.

SC-14 INDEPENDENT CONTRACTOR

Subcontractor realizes that any and all employees provided by Subcontractor under this agreement are not Employees of Washington Closure Hanford, LLC or the Department of Energy. Subcontractor is solely responsible for any and all required taxes, insurance and liabilities arising under the performance of this subcontract by its employees.

SC-15 EXPENDITURE NOTIFICATION

For Work performed on a unit rate basis, SUBCONTRACTOR shall notify the CONTRACTOR'S authorized representative in writing when SUBCONTRACTOR expects that in the next sixty calendar days billable charges, when added to all previously billed charges will exceed seventy five percent of the estimated Subcontract value shown in Exhibit "C." Upon expending seventy five percent of the estimated Subcontract value, SUBCONTRACTOR shall provide the CONTRACTOR'S authorized representative with weekly written summaries of billable charges, inclusive of previously billed charges.

The CONTRACTOR is not obligated to reimburse the SUBCONTRACTOR for billable charges in excess of the estimated Subcontract value as modified. The SUBCONTRACTOR is not obligated to continue performance under this Subcontract once billable charges reach one hundred percent of the estimated Subcontract value as modified.

SC-16 PROCUREMENT INTEGRITY

- A. The SUBCONTRACTOR warrants that it is familiar with and will comply with all the requirements of Section 27 of the Office of Federal Procurement Policy Act of 1988 (41 U.S.C. §423) as implemented in the Federal Acquisition Regulations (referred to in this clause as "the Act"), including, but not limited to: (1) prohibitions on giving or offering future employment, money, or any thing of value to a procurement official, (2) prohibitions on soliciting or obtaining from an agency, prior to award, any proprietary or source selection information regarding the procurement, and (3) limits on participation of former government employees and officials in negotiation and performance of government contracts. For a violation of the Act, the Government may reduce the fee or profit on the contract, terminate all or a portion of the contract for default, suspend or debar the contractor from future Federal Government work, impose fines or imprisonment, or pursue other legal remedies.
- B. In addition to any other remedies provided by law or herein, the SUBCONTRACTOR agrees to indemnify and hold CONTRACTOR harmless to the full extent of any loss (including any reduction in fee or profit), damages, or expenses (including attorneys' fees) if any of the SUBCONTRACTOR'S actions, acting alone or in concert with any other person or entity, cause the Government to enforce the provisions of the Act or related regulations.
- C. The SUBCONTRACTOR agrees to include the substance of this clause, including this paragraph C, appropriately modified to reflect the identity and relationship of the parties, in all lower tier subcontracts in amounts exceeding \$100,000.

SC-17 PASSES AND BADGES

SUBCONTRACTOR'S employees may be required to obtain employee and vehicle passes. Such badges shall be issued at no charge to the SUBCONTRACTOR. No SUBCONTRACTOR employee or representative will be admitted to the Site unless he is a citizen of the United States, or, if an alien, his employment within the United States is legal and in accordance with activity security requirements.

SC-18 RESERVED

SC-19 RESERVED

SC-20 MODIFICATIONS TO EXHIBIT "A"

The following paragraph is added to Exhibit "A" Section GC-10, Taxes:

A. Washington State B&O Tax

“For the purpose of defining Washington State business and occupation (B&O) tax, CONTRACTOR recognizes that the tax classification established by Revised Code of Washington (RCW) 82.04.263 (currently taxed at rate of 0.471 percent) is applicable to the performance of all Work of this Subcontract.”

Subcontractor will include the above language related to Washington State B&O Tax in all sub-tier subcontracts and purchase orders.

SC-21 SERVICE CONTRACT ACT

Service Contract Act does not appear to be applicable to the work scope being performed under this subcontract. However, subcontractor shall be liable for compliance with all applicable local, State and Federal laws & Regulations which may be applicable such as taxes, unemployment insurance etc.

SC-22 HEALTH AND SAFETY

Subcontractor is required to comply with Washington Closure Hanford LLC Environmental, Safety, Health and Quality Assurance requirements as long as Subcontractor's personnel are located on WCH controlled premises or works sites. All work performed under this Agreement shall be performed in a safe, professional manner and consistent with the principals found in the WCH Safety and Health plan Exhibit "G". Exhibit "G" may be found under the WCH proforma documents located on the WCH Internet web page located at <http://www.washingtonclosure.com> Procurement Homepage and the VPP program.

SC-23 CONTINUITY OF SERVICES

The SUBCONTRACTOR recognizes that the services performed under this Subcontract are vital to the OWNER and must be continued without interruption, and that, upon expiration of the Prime Contract between the OWNER and the CONTRACTOR, a successor, either the Government or another Contractor, may continue to require that the services be performed. The CONTRACTOR shall provide a sixty-(60) day written notice to the SUBCONTRACTOR once the successor has been named. The SUBCONTRACTOR shall work with the OWNER and the CONTRACTOR to ensure an efficient transfer to the successor is made.

CONTRACTOR may assign this Subcontract to the OWNER or to such party as OWNER may designate to perform CONTRACTOR'S obligations hereunder. Upon receipt by SUBCONTRACTOR of written notice that the OWNER or a party so designated by the OWNER has accepted an assignment of this Subcontract, CONTRACTOR shall be relieved of all responsibility hereunder and SUBCONTRACTOR shall thereafter look solely to such assignee for performance of CONTRACTOR'S obligations.

SC-24 KEY PERSONNEL

CONTRACTOR reserves the right to approve all Key Personnel. SUBCONTRACTOR'S key personnel must be assigned full-time onsite to this Subcontract exclusively and possess the minimum qualifications listed below. SUBCONTRACTOR shall not reassign or remove key personnel without prior written authorization of CONTRACTOR. Whenever, for any reason, one or more of these individuals are unavailable for assignment for Work under this Subcontract, any replacement key personnel shall possess the minimum qualifications and experience required for the position.

When the CONTRACTOR finds that a correlation exists or appears to exist between a documented lack of SUBCONTRACTOR performance and a lack of SUBCONTRACTOR employee qualification performance and/or falsification of experience requirements, the SUBCONTRACTOR agrees to immediately replace that individual with another employee with the minimum qualifications appropriate to the work being performed as specified above at no additional cost to the CONTRACTOR.

The CONTRACTOR may also require that the SUBCONTRACTOR be removed from the job, at no additional cost to CONTRACTOR, employees who endanger persons or property, disruptive to the workforce, or whose continued employment under this Subcontract is inconsistent with the requirements of the Subcontract and/or interest of safety or security at the Hanford Site.

SC-25 INCREMENTAL FUNDING OF SUBCONTRACT

The CONTRACTOR'S obligation to pay the SUBCONTRACTOR in accordance with the article entitled "Invoicing" is subject to the provisions and limitations further set forth by the following notwithstanding any other section or provision of this Subcontract as follows.

- A. Allotment of Funds: Of the total Subcontract amount, only specific portions of the total amount are estimated to be available, allotted by (FY), for this Subcontract. The CONTRACTOR shall not be obligated under this Subcontract to the SUBCONTRACTOR on any theory or basis for total payment in excess of total allotments up to that time. Furthermore, the SUBCONTRACTOR is not to expend any effort on Work for which the CONTRACTOR has not provided the SUBCONTRACTOR written authorization to proceed.

CONTRACTOR shall notify SUBCONTRACTOR of the estimated amount of funding to be available for each subsequent FY. It is contemplated, but not warranted, that the full amount of estimated funds for each FY's allotment will be available by October 1st, of each FY. CONTRACTOR shall notify SUBCONTRACTOR, in writing, of the exact amount of each FY allotment of funds as soon as such becomes known.

B. Schedule

(1) The SUBCONTRACTOR agrees to schedule and perform or have performed the subcontract work in such a manner as to ensure that, in the event of termination of this contract for convenience pursuant to Subcontract General Conditions, Clause "Termination," the total amount payable by the CONTRACTOR (including amounts payable in respect of subcontracts and settlement costs) would not exceed the total amount allotted at the time to the Subcontract. The CONTRACTOR shall not be obligated in any event to pay or reimburse the SUBCONTRACTOR in excess of the amount then allotted to this subcontract, anything to the contrary or any other provision of this Subcontract notwithstanding.

(2) To insure compliance with the requirements of subparagraph B. (1) above, all schedules required elsewhere in this Subcontract shall relate to and describe the SUBCONTRACTOR'S proposed plan for performance of work and representation of work actually performed to the amount then allotted to this Subcontract. Furthermore, SUBCONTRACTOR shall schedule and relate planning for future performance of Work to the table of estimated allotments to this Subcontract set forth in subparagraph A. above.

- C. Notices - Actions When Costs Approach Total Amounts Allotted: Until such time as the CONTRACTOR has allotted funds up to the full Subcontract amount, including any adjustments thereto, the SUBCONTRACTOR shall notify the CONTRACTOR in writing 30 days in advance of the point when, in the event of termination for convenience the total amount payable by the CONTRACTOR (including amounts payable in respect of subcontracts and settlement costs) will approximate 85% (eighty-five percent) of the total amount then allotted to the Subcontract. Upon receipt of such notice, the CONTRACTOR may take one of, or a combination of, the following actions:

(1) Instruct the SUBCONTRACTOR to continue performance of the Subcontract to the extent permitted by the amount of funds then allocated to this Subcontract;

- (2) Increase the amount of funds allotted to the Subcontract and instruct the SUBCONTRACTOR to proceed with work not previously funded;
- (3) Order the SUBCONTRACTOR to suspend all or any part of the work in accordance with Subcontract General Conditions, article entitled "Suspension" or "Stop Work Order." If the suspension or stop work order has resulted from the failure of the SUBCONTRACTOR to schedule and perform the Subcontract work in accordance with the provisions of subparagraph B above, the SUBCONTRACTOR shall not be entitled to an equitable adjustment in Subcontract amount nor time, nor shall the costs of the suspension or stop work be allowable in any subsequent termination for the convenience of the CONTRACTOR, irrespective of the provisions of any other section or provision of the Subcontract; or
- (4) Terminate the performance of all or part of the work under this Subcontract in accordance with the termination for convenience section; or
- (5) Direct the SUBCONTRACTOR to take such action, as is agreed by the parties in writing to be appropriate under the circumstances (provided such action does not exceed the total funds then allotted).

D. SUBCONTRACTOR Excused From Further Performance: Before the allotment of funds up to the total Subcontract amount (including any adjustments thereto), when the SUBCONTRACTOR'S performance has reached the point at which in the event of exercise of the "Termination" section of this Subcontract, the total amount payable by the CONTRACTOR would equal 100% (one hundred percent) (100%) of the amount then allotted to this Subcontract, the SUBCONTRACTOR shall immediately notify the CONTRACTOR and shall make no further commitments or expenditures (except to meet existing commitments and liabilities). The CONTRACTOR shall not be obligated to pay the SUBCONTRACTOR an amount in excess of the total amount then allotted to the Subcontract. If additional funds are not allotted by the date set forth in subparagraph A. above, or such later date as may be agreed to by both parties, the SUBCONTRACTOR shall not be obligated to continue performance under this Subcontract and the CONTRACTOR will, upon written request of the SUBCONTRACTOR, terminate the Subcontract pursuant to the provisions of the termination for convenience section, provided, however, that in no event shall the CONTRACTOR be obligated to pay or reimburse the SUBCONTRACTOR in excess of the amount then allotted to this Subcontract.

E. If the SUBCONTRACTOR incurs additional costs or is delayed in the performance of the work under this Subcontract solely by reason of the failure of the CONTRACTOR to allot additional funds in accordance with the subparagraph A. above and if additional funds are allotted, equitable adjustments shall be made in the Subcontract amount and performance time.

F. The CONTRACTOR may at any time prior to termination, and with the consent of the SUBCONTRACTOR after notice of termination, allot additional funds to this Subcontract.

G. Nothing in this clause shall affect the right of the CONTRACTOR to terminate this Subcontract pursuant to the article of this Subcontract entitled "Termination."

H. Change Orders: Changes issued pursuant to Subcontract General Conditions article entitled, "Changes", shall not be considered authorization for the SUBCONTRACTOR to exceed the amount allotted to this Subcontract in the absence of a statement in the Change Order, or other written notice to the SUBCONTRACTOR, increasing the amount allotted to this Subcontract.

SC-26 TRAVEL AND BUSINESS EXPENSE

Travel costs will be reimbursed in accordance with the current government travel regulations, rates listed below are representative only.

En Route Expenses

Transportation via public carrier will be reimbursed up to the equivalent of least cost economy (refundable) air fare plus actual and reasonable expenses in traveling shortest and most direct route from traveler's home office, to Richland Washington or at other such locations and return, at request of buyer. M&IE includes meals, laundry, tips and phone calls to reserve lodging accommodations. Reimbursement for local travel is not authorized.

Subcontractor shall be reimbursed for lodging, subsistence and miscellaneous expenses incurred by seller when traveling or while at locations other than the travelers home office at the request of the contractor consistent with the limits as described in 41 CFR 301, latest supplement. This bulletin specifies expense limits for all geographical areas of the United States. For example only, the current authorized rates for "Lodging, Meals and Incidental Expenses at Richland Washington is (FTR last revised October 01, 2005):

Maximum lodging equals \$60 per day

Maximum meals and incidental expenses equal \$39 per day

Automobile Rental

Car rental expenses incurred by the subcontractor when traveling or while at locations other than the traveler's home office at the request of the contractor for actual and reasonable cost incurred, supported by receipts.

Personal Automobile

Mileage costs via the most direct route will be reimbursed at the current Government travel regulation rate (currently 48.5 cents per mile). No reimbursement will be provided for a second automobile. Total costs for this mode of transportation may not exceed the total allowances that would have been provided had the employee traveled by public air carrier (including expenses to/from the airport and the lodging and M&I per diem. Reimbursement for receipted toll charges is allowed over and above the mileage and meal & incidental

Lodging, Meals, and Incidental Expenses

Reimbursement for Temporary Assignment lodging, meals, and incidental expenses will be in accordance with the Lodging Plus methodology for the first 30 days of assignment or until long-term lodging is obtained, whichever occurs first. After long-term lodging is obtained, or the 30 day period has elapsed, the per diem allowance for lodging and meals and incidental expenses will be no more than 75% of the approved rate otherwise applicable.

Rental of a standard single apartment in the area, after long term lodging is obtained, or the 30-day period has elapsed rent will be expensed via a Travel Expense Report. Proof of lodging, via receipts/copy of a signed lease agreement is required.

Employees on single status assignments of three months or more may be granted trips home with approval, not to exceed a frequency of once every six weeks provided that a minimum of 30 days remain in the assignment. All travel shall be approved by the WCH STR based upon current work load.

Trips normally will be scheduled for weekends and will be on employee time. Transportation and subsistence for trips home will be reimbursed subject to business trip rules. If an employee elects to drive home, the amount may not exceed what the employee would have incurred for economy class round-trip airfare transportation home. Per Diem for M&IE is not paid during the "at-home" portion of a home leave. Lodging costs are not reimbursed for either the en route or the "at home" portion of home leave, however, lodging costs at the work location during home leave will be reimbursed if monthly rates are applicable.

Interruption of Per Diem

During the per diem period, the meals/incidentals portion is forfeited in the following circumstances:

- A. When Personal Time Off (PTO) is taken in excess of two consecutive work days for reasons other than illness. (Per Diem will not be paid for any of the PTO days.)

B. When PTO is taken for more than two consecutive days in conjunction with a weekend (e.g., Thursday, Friday, Weekend, Monday).

C. Any vacation period(s) taken in conjunction with travel including weekends or holidays taken in conjunction with (vacation), and the periods covering return trips to the place of abode, are not reimbursable.

Other Provisions:

1. Receipts shall be provided substantiating travel expenses, lodging, rental cars, etc. Receipts are not required for meals and incidental expenses. Reimbursement for M&IE will not be made in excess of the maximum allowable daily totals.

2. This allowance shall be reduced on the first and last day of travel in accordance with the Federal Travel Regulations as follows:

Travel Duration	M&IE Reimbursement
Day of departure	75% of applicable M&IE rate
Full day(s) of travel	100 of applicable M&IE rate
Last day of travel	75% of applicable M&IE rate

3. Reimbursement of Labor Hours during travel. People working in support of this subcontract shall only be paid for travel during regular work hours. Any travel time paid in excess of 8 hours shall be paid at the regular straight time rate.

SC-12 SAFETY, HEALTH AND SECURITY PROGRAMS - NA

In performance of the Work under this Subcontract, SUBCONTRACTOR shall establish and maintain the following programs:

A. A Safety and Health Program shall be submitted in writing to CONTRACTOR for approval and coordination with other Jobsite activities within thirty (30) days of subcontract award, and in any event prior to commencing Work at the Jobsite. Such program shall be commensurate with the Work and in conformance with the specific requirements, (see Exhibit "G", Subcontractor Safety and Health Requirements), and shall provide for:

1. Designate, in writing, of one or more qualified individuals as Safety Representatives.
2. Specific review and approval of all SUBCONTRACTOR'S Safety Representative's of SUBCONTRACTOR work and storage areas to assure safe conditions and practices.
3. Periodic inspection by the SUBCONTRACTOR'S Safety Representative(s) of SUBCONTRACTOR work and storage areas to assure safe conditions and practices.
4. Maintenance of records documenting Safety and Health training and qualifications, including medical records, for SUBCONTRACTOR personnel. The CONTRACTOR or OWNER may request documented evidence of training at any time.
5. Immediate reporting to CONTRACTOR of any and all deaths, injuries and damage to property.
6. Full cooperation in the conduct of inspections by CONTRACTOR, OWNER, governmental agencies and other agencies of competent jurisdiction, e.g. Occupational Safety and Health Agency (OSHA), Environmental Protection Agency (EPA), Washington State Department of Ecology (WDOE)..

Copies of citation notices by such agencies shall be submitted to CONTRACTOR immediately upon receipt.

7. Compliance with all applicable safety and health related laws and regulations and directives of governmental and other agencies of competent jurisdiction, e.g. OSHA.
 8. Use of safety equipment that meets applicable OSHA and/or ANSI requirements.
 9. Immediate correction by SUBCONTRACTOR of any unsafe conditions or unsafe acts by its employees.
 10. Conformance to the CONTRACTOR'S site work rules.
- B. The SUBCONTRACTOR shall not subcontract with any entity whose safety ratings for the previous two (2) years exceeds the following:
Interstate EMR: 1.0
State EMR: 1.0
The SUBCONTRACTOR must notify the CONTRACTOR immediately in writing, should SUBCONTRACTOR'S EMR rating exceed 1.0 during the performance of this subcontract.
- C. SUBCONTRACTOR shall be subject to the policies, criteria, and procedures of 10 CFR part 707, Workplace Substance Abuse Programs at DOE sites. SUBCONTRACTOR agrees to provide CONTRACTOR, within 30 days after notification of selection for award, or award of Subcontract, whichever comes first, SUBCONTRACTOR'S written workplace substance abuse program consistent with the requirements of 10 CFR part 707.
- SUBCONTRACTOR agrees to provide CONTRACTOR, within 30 days after notification of selection for award, or award of subcontract, whichever comes first, SUBCONTRACTOR'S written workplace substance abuse program consistent with the requirements of 10 CFR part 707.
- D. A Security Program, shall be submitted in writing to CONTRACTOR for approval and coordination with other Jobsite activities within thirty (30) days after Subcontract award, and in any event prior to commencing Work at the Jobsite. Such Program shall be commensurate with the specific requirements of the CONTRACTOR'S AND/OR OWNER'S requirements, (See Exhibit "G", Safety and Health Requirements), and shall include:
1. Controlled access to office, warehouse, material and equipment sites.
 2. Accountability procedures for the requisition and issue of materials.
 3. Periodic security checks for all work areas assigned to SUBCONTRACTOR.
 4. Prompt reporting of incidents of loss, theft or vandalism to CONTRACTOR, subsequently detailed in writing.
 5. Coordination and compliance with Site security programs.
- E. A Hazard Communication Program shall be submitted in writing to the CONTRACTOR for approval and coordination with other jobsite activities within thirty (30) days after Subcontract award or prior to commencing work at the Jobsite. Such program shall be commensurate with the specific requirements of the CONTRACTOR'S AND/OR OWNER'S requirements, (See Exhibit "G", Safety and Health Requirements), and shall include:
1. Identification of Hazard Communication Program responsibility and accountability.

- a. Receipt and document control of Material Safety Data Sheets (MSDS) for materials being brought onto the Jobsite by the SUBCONTRACTOR or its suppliers and subtiers.
- b. Employee training on MSDS's and in the handling and disposal of materials that falls under statutory regulations.
- c. A disposal plan for removal of hazardous materials from the Jobsite. This plan must meet all federal/national, state, and other applicable governmental requirements.

SC-28 TRAINING REQUIREMENTS

CONTRACTOR will be responsible for any Hanford Site Specific Training. SUBCONTRACTOR will be responsible for all other training costs as required by Exhibit "D" Scope of Work.

SC-29 CONTRACTOR-FURNISHED UTILITIES AND FACILITIES

- A. Utilities. The utilities listed below will be furnished by CONTRACTOR without cost to SUBCONTRACTOR, provided that all such utilities will be furnished at outlets existing on the Jobsite and SUBCONTRACTOR shall, at its expense, extend such utilities from said outlets to points of use and at completion of all the Work remove all materials and equipment used for such extensions.
 - (a) Water for construction
 - (b) Potable water
 - (c) Electric power at 440 volts, 3 phase.
- B. Facilities. The facilities listed below will be furnished by CONTRACTOR. Such facilities may be used by SUBCONTRACTOR without charge therefore, provided that any such use will be subject to written approval of CONTRACTOR.
 - (a) Storage and working area
 - (b) Parking area
 - (c) Toilets.
 - (d) Permission to use GSA and Commercially leased vehicles for business related on site travel

WASHINGTON CLOSURE HANFORD

EXHIBIT "C"

SCHEDULE OF QUANTITIES AND PRICES

5.0 ADJUSTMENTS

Total value of subcontract shall be revised utilizing unit prices for changes. Total value of payments will be based upon actual acres sprayed as identified in weekly spray reports to BHI technical representative.

All unit rates are fixed for the duration of the subcontract and are not subject to escalation for any cause. Payment of the Total Price (based upon unit rates multiplied by actual acres sprayed) shall constitute full payment for performance of the Work and covers all costs of whatever nature incurred by subcontractor in accomplishing the Work in accordance with the provisions of this subcontract.

6.0 MEASUREMENT AND PAYMENT SHALL BE MADE AS FOLLOWS:

6.1.1. Measurement shall be:

6.1.1 For unit rate or labor hour forms of payment, Subcontractor shall submit invoices only after satisfactory completion and Contractor approval of work; for unit rate subcontracts, subcontractor shall submit invoices only after satisfactory completion of task or line item or based upon percentage of work complete; and Contractor approval of work complete or percentage of work complete and being billed;

6.1.2 The progress billing amounts shall be computed by multiplying the appropriate unit rates prescribed in this Exhibit "C" by the number of direct labor hours performed or actual units completed up to the maximum number contained under estimated quantity;

6.1.3 Subcontractor shall submit time records each week showing name of individual, hours worked, dates for reporting period and any other information (such as samples or survey completed) as requested by the STR. Subcontractor shall submit weekly or monthly (as directed by the STR) reports showing working conducted during the report period. Such reports will be basis of STR review & approval of invoices.

6.2 Payment shall be:

6.2.1 In accordance with the terms and conditions as set forth in the subcontract documents and

6.2.2 Net 30 days from receipt of conforming invoice.

6.2.3 Invoices may be submitted once each month (or at more frequent intervals, if approved by the Contractor). Invoices shall at a minimum show individuals names, unit rate of pay, invoice period and shall be easily reconciled by reviewing weekly time submittals.

Payment shall constitute full compensation for all services required to complete the work and reporting requirements in the SUBCONTRACT documents applicable this activity.

WASHINGTON CLOSURE HANFORD

EXHIBIT "D"

SCOPE OF WORK

EXHIBIT "D"
SCOPE OF WORK
FOR

Pesticide Applications for the River Corridor Contract for the
 100, 300, and 400 Areas of the Hanford Site.

WCH-R & DC 11.28.05

0	10/20/05	Issued for Bid	(ALJ) ALJ	<i>WCH</i> WCH 10/20/05	NA	RGE RGE
REV.	DATE	REASON FOR REVISION	ORIGINATOR	CHECKER	GROUP SUPVR	PROJECT ENGR./DES
		RIVER CORRIDOR CLOSURE CONTRACT	JOB NO. 14655 SCOPE OF WORK NO. 0000X-SW-G0546 rev 0 SHEET 1 OF			

Introduction:

This Statement of Work describes the selective and nonselective herbicide applications to River Corridor Contractor (RCC) facility and waste site areas throughout the fiscal year 2006.

Work to be Performed:

Subcontractor (Duratek) shall furnish all professional services and supervision necessary for application of herbicides over approximately 20 acres of vegetated and 410 acres of nonvegetated sites, plus approximately 100 "As Needed" acres as described in Appendix A.

This Scope of Work (SOW) covers all selective and nonselective herbicide applications for WCH managed areas. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

Scope:

The vegetation management services described in this SOW apply to the RCC sites listed in Appendix A. This SOW includes application of selective and nonselective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, copies of application records at the end of each month, employee labor and equipment hours due the day following the application, quarterly report due within the first week of each quarter listing quantity of RCC remaining chemical, and quarterly listing of quantity of RCC remaining chemical. See "Deliverables" section for additional discussion.

All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and RCC Technical Point of Contacts direction.

RCC will provide all herbicides for preemergent nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar plus 5 lbs/ac Sahara".

Subcontractor will provide herbicide for 20 acres of selective application. Phase I application will include 8 oz Overdrive plus 2 qt Veteran 720 per acre. Phase II, if needed will include 1/3 oz Escort plus 4qt Veteran 720 per acre, and Phase III, as needed will utilize a mixture of ET Herbicide 2.5oz plus 2% Roundup per acre. Subcontractor shall supply Rodeo for one application to the N-Spring Mulberries at maximum labeled rate.

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the RCC Technical Point of Contact. Areas requiring retreatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on nonvegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for quarterly reports communicating RCC inventory and when materials are required in a timely manner to the RCC technical representative.

Subcontractor shall be signatory to the Hanford Atomic Metal Trades Council (HAMTC) labor agreement and employ HAMTC personnel where applicable in the performance of this subcontract.

The schedule is separated into the line items as follows:

- Line item 1a: RCC Facilities (40 acres), and Field Remediation (20 acres), & D4 (350 acres)
bareground applications: ~410 acres 11/1/06 – 3/31/06
- Line item 1b: RCC Selective applications: Phase I ~20 acres 4/1/06 – 5/15/06
- Line item 1c: RCC Selective applications: Phase II if needed ~ 20 acres 5/16/06 – 7/1/06
- Line item 1d: RCC Selective applications: Phase III, as needed ~ 10 acres 7/2/06 – 9/30/06
- Line item 1e: RCC “as needed” applications ~100 acres 5/1/06 – 9/30/06
- Line item 1f: RCC 100 N mulberry tree spraying ~1 application 9/1/06 – 9/30/06

Schedule:

This SOW for the herbicide application services is effective for the time period of November 15, 2005 through September 30, 2006.

Requirements and Instructions:

All material shall be applied in strict compliance with all applicable Federal, State, U. S. Department of Energy, Hanford Site, and RCC procedures and regulations. RCC will perform site preparations, provide Health Physics support, and provide necessary access control personnel. Disposal of empty containers, mixed but not used material, gross product, and spilled material shall be the responsibility of the subcontractor and must be handled in accordance with applicable Project Hanford Management Contract, Hanford, State, and Federal procedures and regulations.

Each material applicator shall have a current valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed under RCC without prior discussion/approval of the RCC Technical Point of Contact. Notification of intent to treat RCC managed areas at least 24 hours prior to applications to ensure proper employee notifications and to ensure facility occupants in the vicinity of the application have been advised.

1.0 Site Access Control:

For entrance into the access controlled sites including reactor exclusion areas, 331 LSLDF, 618-10, 618-11, or 100 N Remedial Action project at least a 24- hour notice to Technical Point of Contact is required for approval and obtaining keys. RCC may choose to have a representative present for all work sites. Close coordination with Technical Point of Contact and field support on daily site schedule will be required.

For applications within reactor areas where there are active remedial actions underway, all members of the

spray crew shall sign into and out of the construction trailer visitor log, unless otherwise directed by the remedial action Technical Representative, as listed below.

The following RCC superintendents will control access to the following sites:

- Don Eckert to 100 Area Surveillance and Maintenance/Utilities sites 100 N
- Brett Klinetobe to support 100 N Facility sites
- Jon Fancher to the 100 N Field Remediation Project sites
- Shane Bigham 100 F Area Field Remediation Project sites
- Ron Belden in the 100 B/C and 100 K Field Remediation Projects sites
- Randy Havenor 300 Area Field Remediation Project sites
- Earl Prichard 300 Area D4 Project sites
- Kevin Haggerty 300 Area Surveillance and Maintenance/Utilities

Deliverables:

- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to RCC prior to initiating any portion of this work scope.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to RCC prior to initiating any portion of this work scope.
- Copies of herbicide application data records at the end of each month.
- Daily reports listing each line item of the contract with associated acreage treated, quantity, and type of material used, labor and equipment hours.
- Detailed invoice of Work Order labor and equipment hours submitted to Technical Point of Contact when request for work order payment is submitted
- Written quarterly report listing remaining RCC purchased chemical.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to Technical Point of Contact.
- Subcontractor shall submit all application records and field map identification sites for continuing WSDA off-target herbicide applications made to RCC sites and supply copies to Technical Point of Contact.

Quality Assurance Requirements:

If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

Work not Included:

The subcontractor will not be expected to provide site preparations, provide Health Physics support, or provide access control personnel.

Appendix A

D4 Project Bareground Areas

All D4 and FRP bareground areas are to sprayed with 5 lbs per acre "Krovar" plus 5 lbs per acre "Sahara" or during windy conditions 300 lbs per acre "Topsite"

100 N Areas within the exclusion fences and razor wire areas.

100 B/C Area within the reactor exclusion fence area.

100 D/DR Areas within the reactor exclusion fence area.

- 118-D-1 (100 D Burial Ground #1)
- 118-D-2 (100 D Burial Ground #2)
- 118-D-3 (100 D Burial Ground #3)
- 118-D-4 (Construction Burial Ground)
- 118-D-5 (Ball 3X Burial Ground)
- 118-DR-1 (105-DR-Gas Loop Burial Ground)

100 F Area within the reactor exclusion fence area.

- 118-F-1 (100-F Solid Waste Burial Ground #1)
- 118-F-2 (100-F Solid Waste Burial Ground #2)
- 118-F-3 (100-F Solid Waste Burial Ground #3)
- 118-F-4 (115-F Solid Waste Burial Pit)
- 118-F-5 (PNL Sawdust Respiratory)
- 118-F-6 (Solid Waste Burial Ground)

100 H Area within the reactor exclusion fence area

- 118-H-1 (Solid Waste Burial Ground #1)
- 118-H-2 (Solid Waste Burial Ground #2)
- 118-H-3 (Construction Burial Ground)
- 118-H-4 (Ball 3X Burial Ground)
- 118-H-5 (105-H Thimble Pit)

331 LSLDF Drain Tile field, Trench #1, and Trench #2

RCC Facilities

100 K

MO-755 RA Mobil Office Trailer
MO-054

100 N:

1723 Warehouse
MO-827
MO-425
MO-426
MO-427

11.28.05

MO-013
MO-415
MO-900
MO-358
MO-050
MO-911
MO-381
MO-055
1143-N
1120-N
1902-N
183NA

100 B/C

MO-474
MO-770
MO-771

100 D/DR

MO-561
MO-200
MO-980
MO-829

100 F

MO-417
MO-780

100 H

MO-229

300 AREA o/s fence

MO-059
MO-905
MO-265
MO-423

RCC Field Remediation Project

Perimeter of the survey station and field trailers 100N
Near fuel area 100N
Near conference trailer 100N
Berm with in container queue 100N
Near Fuel Area 100K
Storage Area 100K

RCC Vegetated Sites

Phase I: April 1-May 15, 8oz Overdrive plus 2qt Veteran 720 per acre

Phase II: If needed, May 2 - July 1 1/3oz Escort plus 4qt Veteran 720 per acre.

Phase III: As needed spot application of 2.5oz ET herbicide plus 2% Roundup per acre.

618-10 Burial Ground
618-11 Burial Ground

11.28.05

RCC D4 100 N Mulberry Spraying

One application during September of "Rodeo" at maximum label rates.

100 N Springs

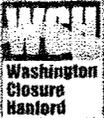
RCC 300 Area D4 Project

Area inside 300 Area fence around facilities, parking areas, and waste sites.

EXHIBIT "D"
SCOPE OF WORK
FOR

Pesticide Applications for the River Corridor Contract for the
100, 300, and 400 Areas of the Hanford Site.

WCH-R & DC 11.28.05

0	10/20/05	Issued for Bid	ALJ	WCH 10/20/05	NA	RGE
REV.	DATE	REASON FOR REVISION	ORIGINATOR	CHECKER	GROUP SUPVR	PROJECT ENGR./DES
 <p align="center">RIVER CORRIDOR CLOSURE CONTRACT</p>			JOB NO. 14655			
			SCOPE OF WORK NO. 0000X-SW-G0546 rev 0			
			SHEET 1 OF			

Introduction:

This Statement of Work describes the selective and nonselective herbicide applications to River Corridor Contractor (RCC) facility and waste site areas throughout the fiscal year 2006.

Work to be Performed:

Subcontractor (Duratek) shall furnish all professional services and supervision necessary for application of herbicides over approximately 20 acres of vegetated and 410 acres of nonvegetated sites, plus approximately 100 "As Needed" acres as described in Appendix A.

This Scope of Work (SOW) covers all selective and nonselective herbicide applications for WCH managed areas. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

Scope:

The vegetation management services described in this SOW apply to the RCC sites listed in Appendix A. This SOW includes application of selective and nonselective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, copies of application records at the end of each month, employee labor and equipment hours due the day following the application, quarterly report due within the first week of each quarter listing quantity of RCC remaining chemical, and quarterly listing of quantity of RCC remaining chemical. See "Deliverables" section for additional discussion.

All herbicide applications shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and RCC Technical Point of Contacts direction.

RCC will provide all herbicides for preemergent nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar plus 5 lbs/ac Sahara".

Subcontractor will provide herbicide for 20 acres of selective application. Phase I application will include 8 oz Overdrive plus 2 qt Veteran 720 per acre. Phase II, if needed will include 1/3 oz Escort plus 4qt Veteran 720 per acre, and Phase III, as needed will utilize a mixture of ET Herbicide 2.5oz plus 2% Roundup per acre. Subcontractor shall supply Rodeo for one application to the N-Spring Mulberries at maximum labeled rate.

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the RCC Technical Point of Contact. Areas requiring retreatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on nonvegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for quarterly reports communicating RCC inventory and when materials are required in a timely manner to the RCC technical representative.

Subcontractor shall be signatory to the Hanford Atomic Metal Trades Council (HAMTC) labor agreement and employ HAMTC personnel where applicable in the performance of this subcontract.

The schedule is separated into the line items as follows:

- Line item 1a: RCC Facilities (40 acres), and Field Remediation (20 acres), & D4 (350 acres) bareground applications: ~410 acres 11/1/06 – 3/31/06
- Line item 1b: RCC Selective applications: Phase I ~20 acres 4/1/06 – 5/15/06
- Line item 1c: RCC Selective applications: Phase II if needed ~ 20 acres 5/16/06 – 7/1/06
- Line item 1d: RCC Selective applications: Phase III, as needed ~ 10 acres 7/2/06 – 9/30/06
- Line item 1e: RCC "as needed" applications ~100 acres 5/1/06 – 9/30/06
- Line item 1f: RCC 100 N mulberry tree spraying ~1 application 9/1/06 – 9/30/06

Schedule:

This SOW for the herbicide application services is effective for the time period of November 15, 2005 through September 30, 2006.

Requirements and Instructions:

All material shall be applied in strict compliance with all applicable Federal, State, U. S. Department of Energy, Hanford Site, and RCC procedures and regulations. RCC will perform site preparations, provide Health Physics support, and provide necessary access control personnel. Disposal of empty containers, mixed but not used material, gross product, and spilled material shall be the responsibility of the subcontractor and must be handled in accordance with applicable Project Hanford Management Contract, Hanford, State, and Federal procedures and regulations.

Each material applicator shall have a current valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a WCH site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed under RCC without prior discussion/approval of the RCC Technical Point of Contact. Notification of intent to treat RCC managed areas at least 24 hours prior to applications to ensure proper employee notifications and to ensure facility occupants in the vicinity of the application have been advised.

1.0 Site Access Control:

For entrance into the access controlled sites including reactor exclusion areas, 331 LSLDF, 618-10, 618-11, or 100 N Remedial Action project at least a 24- hour notice to Technical Point of Contact is required for approval and obtaining keys. RCC may choose to have a representative present for all work sites. Close coordination with Technical Point of Contact and field support on daily site schedule will be required.

For applications within reactor areas where there are active remedial actions underway, all members of the

spray crew shall sign into and out of the construction trailer visitor log, unless otherwise directed by the remedial action Technical Representative, as listed below.

The following RCC superintendents will control access to the following sites:

- Don Eckert to 100 Area Surveillance and Maintenance/Utilities sites 100 N
- Brett Klinetobe to support 100 N Facility sites
- Jon Fancher to the 100 N Field Remediation Project sites
- Shane Bigham 100 F Area Field Remediation Project sites
- Ron Belden in the 100 B/C and 100 K Field Remediation Projects sites
- Randy Havenor 300 Area Field Remediation Project sites
- Earl Prichard 300 Area D4 Project sites
- Kevin Haggerty 300 Area Surveillance and Maintenance/Utilities

Deliverables:

- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to RCC prior to initiating any portion of this work scope.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to RCC prior to initiating any portion of this work scope.
- Copies of herbicide application data records at the end of each month.
- Daily reports listing each line item of the contract with associated acreage treated, quantity, and type of material used, labor and equipment hours.
- Detailed invoice of Work Order labor and equipment hours submitted to Technical Point of Contact when request for work order payment is submitted
- Written quarterly report listing remaining RCC purchased chemical.
- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to Technical Point of Contact.
- Subcontractor shall submit all application records and field map identification sites for continuing WSDA off-target herbicide applications made to RCC sites and supply copies to Technical Point of Contact.

Quality Assurance Requirements:

If deemed necessary, WCH will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

Work not Included:

The subcontractor will not be expected to provide site preparations, provide Health Physics support, or provide access control personnel.

Appendix A

D4 Project Bareground Areas

All D4 and FRP bareground areas are to sprayed with 5 lbs per acre "Krovar" plus 5 lbs per acre "Sahara" or during windy conditions 300 lbs per acre "Topsite"

100 N Areas within the exclusion fences and razor wire areas.

100 B/C Area within the reactor exclusion fence area.

100 D/DR Areas within the reactor exclusion fence area.

- 118-D-1 (100 D Burial Ground #1)
- 118-D-2 (100 D Burial Ground #2)
- 118-D-3 (100 D Burial Ground #3)
- 118-D-4 (Construction Burial Ground)
- 118-D-5 (Ball 3X Burial Ground)
- 118-DR-1 (105-DR-Gas Loop Burial Ground)

100 F Area within the reactor exclusion fence area.

- 118-F-1 (100-F Solid Waste Burial Ground #1)
- 118-F-2 (100-F Solid Waste Burial Ground #2)
- 118-F-3 (100-F Solid Waste Burial Ground #3)
- 118-F-4 (115-F Solid Waste Burial Pit)
- 118-F-5 (PNL Sawdust Respiratory)
- 118-F-6 (Solid Waste Burial Ground)

100 H Area within the reactor exclusion fence area

- 118-H-1 (Solid Waste Burial Ground #1)
- 118-H-2 (Solid Waste Burial Ground #2)
- 118-H-3 (Construction Burial Ground)
- 118-H-4 (Ball 3X Burial Ground)
- 118-H-5 (105-H Thimble Pit)

331 LSLDF Drain Tile field, Trench #1, and Trench #2

RCC Facilities

100 K

MO-755 RA Mobil Office Trailer
MO-054

100 N:

1723 Warehouse
MO-827
MO-425
MO-426
MO-427

11.28.05

MO-013
MO-415
MO-900
MO-358
MO-050
MO-911
MO-381
MO-055
1143-N
1120-N
1902-N
183NA

100 B/C

MO-474
MO-770
MO-771

100 D/DR

MO-561
MO-200
MO-980
MO-829

100 F

MO-417
MO-780

100 H

MO-229

300 AREA o/s fence

MO-059
MO-905
MO-265
MO-423

RCC Field Remediation Project

Perimeter of the survey station and field trailers 100N
Near fuel area 100N
Near conference trailer 100N
Berm with in container queue 100N
Near Fuel Area 100K
Storage Area 100K

RCC Vegetated Sites

Phase I: April 1-May 15, 8oz Overdrive plus 2qt Veteran 720 per acre
Phase II: If needed, May 2 - July 1 1/3oz Escort plus 4qt Veteran 720 per acre.
Phase III. As needed spot application of 2.5oz ET herbicide plus 2% Roundup per acre.
618-10 Burial Ground
618-11 Burial Ground

SW-G0546
0000X-SR-G0544 Rev. 0

11-28-05

RCC D4 100 N Mulberry Spraying

One application during September of "Rodeo" at maximum label rates.

100 N Springs

RCC 300 Area D4 Project

Area inside 300 Area fence around facilities, parking areas, and waste sites.

EXHIBIT "D"
SCOPE OF WORK
FOR

Pesticide Applications for the Environmental Restoration
 Contractor (ERC) as prescribed for the 100 and 300 Areas of the
 Hanford Site.

BHI-DIS 10-26-04

0	10/20/04	Issued for Bid	ALJ	WMH	NA	RGE
REV.	DATE	REASON FOR REVISION	ORIGINATOR	CHECKER	GROUP SUPVR	PROJECT ENGR/DES
 RICHLAND ENVIRONMENTAL RESTORATION PROJECT			JOB NO. 22192			
			SCOPE OF WORK NO. 0000X-S7-G0511			
			SHEET 1 OF 8			

Introduction:

This Statement of Work describes the nonselective herbicide applications to Environmental Restoration Contractor (ERC) Facilities Decommissioning Project waste sites, ERC Facilities, and ERC Remedial Action Project (RAP) areas throughout the fiscal year 2005.

Work to be Performed:

Subcontractor (Duratek) shall furnish all professional services and supervision necessary for application of herbicides over approximately 290 acres of nonvegetated sites, plus approximately 100 "As Needed" acres as described in Appendix A.

This Scope of Work (SOW) covers all nonselective herbicide applications for ERC areas. Acreage estimate for broadcast applications is based on previous years application information supplied by the Project Hanford Management designated applicator.

Scope:

The vegetation management services described in this SOW apply to the ERC sites listed in Appendix A. This SOW includes application of nonselective herbicide materials, record keeping, pesticide application reporting to the Washington State Department of Agriculture (WSDA), provision for legal herbicide application liability and insurance, providing BHI weekly copies of application records to treatments to BHI sites, daily reports for each day application listing each site or facility treated, associated acreage and quantity and type of material used, due the day following the application, and quarterly report due within the first week of each quarter listing quantity of ERC remaining chemical. See "Deliverables" section for additional discussion.

Any herbicide application shall be in strict compliance to the manufacturers label instructions and plans, Hanford Site approved Health and Safety Plans, and BHI direction.

BHI will provide all herbicides for the nonvegetated sites. Herbicides to be applied for nonselective applications include "5 lbs/ac Krovar + 5 lbs/ac Sahara" for liquid applications, or "300 lbs/acTopsite or Weedblast" for granular materials. To assist nonvegetated waste site applications during windy conditions, and to remain on schedule, the contractor shall provide materials appropriate for 200 acres of liquid herbicide applications and 90 acres of granular applications. Subcontractor will provide herbicide for one application to the N-Spring Mulberries products to be used will include "Rodeo, Garlon 4, and WEB oil."

Subcontractor shall provide all materials to be applied in the "As needed" applications. This spraying will be utilized only on an as needed basis throughout the growing season with requests submitted to subcontractor by the contractor STR. Areas requiring retreatment will depend upon environmental conditions affecting Russian thistle growth. Spot spraying on nonvegetated sites can utilize hand spray equipment, powered equipment, or spot spraying with "Spra-Coupe" equipment. Spot

applications shall utilize "Campagin", a mixture of "Roundup Pro" and "Veteran 720", or a similar mixture of glyphosate/2,4-D/Dicamba.

Subcontractor shall be responsible for legal storage and inventory of all materials necessary to complete the tasks described in this SOW. Subcontractor shall be responsible for quarterly reports communicating ERC inventory and when materials are required in a timely manner to the BHI Subcontractor Technical Representative (STR).

Subcontractor shall be signatory to the Hanford Atomic Metal Trades Council (HAMTC) labor agreement and employ HAMTC personnel where applicable in the performance of this subcontract.

The schedule is separated into the line items as follows:

- Line item 1a: ERC Facilities Decommissioning Project bareground applications: ~200 acres
- Line item 1b: ERC Facilities bareground applications: ~ 40 acres
- Line item 1c: ERC 100 Remedial Action Project ~50 acres
- Line item 1d: ERC "as needed" applications ~100 acres 5/1/05 – 9/30/05
- Line item 1e: ERC Facilities Decommissioning Project 100 N mulberry tree spraying ~1 application 9/1/05 – 9/30/05

Schedule:

This SOW for the herbicide application services is effective for the time period of November 1, 2004 through September 30, 2005.

Requirements and Instructions:

All material shall be applied in strict compliance with all applicable Federal, State, U. S. Department of Energy, Hanford Site, and BHI procedures and regulations. BHI will perform site preparations, provide Health Physics support, and provide necessary access control personnel. Disposal of empty containers, mixed but not used material, gross product, and spilled material shall be the responsibility of the subcontractor and must be handled in accordance with applicable Project Hanford Management Contract, Hanford, State, and Federal procedures and regulations.

Each material applicator shall have a current valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) and be directed by a person having a current valid Commercial Pesticide Applicator license. Any person entering a BHI site which is Radioactive Contamination Area (RCA) must have been trained and be current in:

- Rad Worker II or equivalent
- 40-Hour Hazardous Waste Site Worker or equivalent
- Hanford General Employee Training

When performing ground spraying applications, subcontractor will apply one-quarter to one-half boom width outside the waste site perimeters when possible. When applicable, the subcontractor will

operate water fill trucks over unsprayed areas rather than recently treated areas to keep soil active material in tact.

Aerial herbicide applications shall not be conducted to waste sites or areas managed by BHI without prior discussion/approval of the BHI STR. Notification of intent to treat BHI managed areas at least 24 hours prior to applications to ensure proper employee notifications and to ensure facility occupants in the vicinity of the application have been advised.

Site Access Control:

Contact BHI field superintendents when access questions arise. For access to reactor exclusion areas, a 24- hour notice to BHI for approval and obtaining keys will be required. BHI may choose to have a representative present for all work sites. Close coordination with field support on daily site schedule will be required.

The following BHI superintendents will control access to the following sites:

- Don Eckert to Facilities Decommissioning Project sites
- Brett Klinetobe to support ERC 100 N Facility sites
- Claudia Torres to the K Remedial Action Project sites, and
- Jon Fancher to the 100 N Remedial Action Project sites.

Deliverables:

- Copies of subcontractors material applications valid Commercial Pesticide Operators license issued by the Washington State Department of Agriculture (WSDA) to BHI prior to initiating any portion of this work scope.
- Copies of Subcontractors Valid Commercial Pesticide Applicators license to BHI prior to initiating any portion of this work scope.
- Copies of herbicide application data records submitted weekly to the BHI STR by Wednesday of each of week.
- Daily reports listing each line item of the contract with associated acreage treated, quantity, and type of material used, labor and equipment hours.
- Detailed invoice of Work Order labor and equipment hours submitted to BHI STR when request for work order payment is submitted
- Written quarterly report listing remaining BHI purchased chemical.

- Subcontractor shall be responsible for maintaining and keeping all application records, material inventory, liability insurance, and all reporting requirements needed for WSDA Certified Pesticide Applicator license requirements and supply copies to BHI STR.
- Subcontractor shall submit all application records and field map identification sites for continuing WSDA off-target herbicide applications made to BHI sites and supply copies to BHI STR.

Meetings, Reports, Activities:

The subcontractor shall schedule and hold a "kick-off" safety meeting with BHI field personnel involved with spraying activities. A copy of the attendance roster will be provided to BHI. Contract for the safety meeting for BHI Facilities Decommissioning Project personnel is Don Eckert at 509/373-4955.

Quality Assurance Requirements:

If deemed necessary, BHI will make modifications or changes to the spray program strategy within WSDA, Environmental Protection Agency (EPA), and product labeling requirements to increase effectiveness.

Work not Included:

The subcontractor will not be expected to provide site preparations, provide Health Physics support, or provide access control personnel.

Appendix A

Facilities Decommissioning Project Bareground Areas	Coordination
All FDP and RAP bareground areas are to sprayed with 5 lbs per acre "Krovar" plus 5 lbs per acre "Sahara" or during windy conditions 300 lbs per acre "Topsite"	
100 N Areas within the exclusion fences and razor wire areas.	Don Eckert
100 B/C Area within the reactor exclusion fence area.	Don Eckert
100 D/DR Areas within the reactor exclusion fence area.	Don Eckert
118-D-1 (100 D Burial Ground #1)	
118-D-2 (100 D Burial Ground #2)	
118-D-3 (100 D Burial Ground #3)	
118-D-4 (Construction Burial Ground)	
118-D-5 (Ball 3X Burial Ground)	
118-DR-1 (105-DR-Gas Loop Burial Ground)	
100 F Area within the reactor exclusion fence area.	Don Eckert
118-F-1 (100-F Solid Waste Burial Ground #1)	
118-F-2 (100-F Solid Waste Burial Ground #2)	
118-F-3 (100-F Solid Waste Burial Ground #3)	
118-F-4 (115-F Solid Waste Burial Pit)	
118-F-5 (PNL Sawdust Respiratory)	
118-F-6 (Solid Waste Burial Ground)	
100 H Area within the reactor exclusion fence area	Don Eckert
118-H-1 (Solid Waste Burial Ground #1)	
118-H-2 (Solid Waste Burial Ground #2)	
118-H-3 (Construction Burial Ground)	
118-H-4 (Ball 3X Burial Ground)	
118-H-5 (105-H Thimble Pit)	
116-KE-2 (1706 KER Waste Crib)	Cave-in Potential
116-KE-3 (105-KE Storage Basin French Drain)	
116-KW-2 (105-KW Storage Basin French Drain) and area outside zone	
331 LSLDF Drain Tile field, Trench #1, and Trench #2	Don Eckert
ERC Facilities	
100 K MO-755 RA&WD Mobil Office Trailer	Claudia Torres
100 N: 1723 Warehouse MO-827 MO-425	Brett Klinetobe

MO-426
MO-427
MO-013
MO-415
MO-900
MO-358
MO-050
MO-911
MO-381
MO-055
1143-N
1120-N
1902-N
183NA

100 B/C
MO-474
MO-770
MO-771

Ron Belden

100 D/DR
MO-561
MO-200
MO-980
MO-829

Earl Prichard

100 F
MO-417

Claudia Torres

100 H
MO-229

Earl Prichard

300 AREA
MO-059
MO-905
MO-265
MO-423

Randy Havenor

ERC Remedial Action Project

Perimeter of the survey station and field trailers 100N
Near fuel area 100N
Near conference trailer 100N
Berm with in container queue 100N
Near Fuel Area 100K
Storage Area 100K
116-KE-1
116-KW-1

ERC FDP 100 N Mulberry Spraying

Don Eckert

Estimated 1 application during September with a mixture of
"Garlon 4", "Rodeo", and "WEB Oil" at maximum label rates.

100 N Springs

^WCH Document Control

135434

From: ^WCH Employee Information
Sent: Thursday, September 06, 2007 10:23 AM
Subject: FW: AERIAL APPLICATION OF HERBICIDES ON FRIDAY, SATURDAY, AND SUNDAY, SEPTEMBER 7- 9
Attachments: oledata.mso; 070906 HerbicideApplic_85x11_Rev0.pdf

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Please distribute this information to employees who do not have access to a computer

Fluor Hanford
September 6, 2007

General Delivery Message

Subject: AERIAL APPLICATION OF HERBICIDES ON FRIDAY, SATURDAY, AND SUNDAY, SEPTEMBER 7- 9

To: All Fluor Hanford and Assigned Personnel Employees
From: Rich Slocum, Vice President of Closure Services & Infrastructure

Weather permitting, aerial application of herbicides to control the spread of noxious weeds is planned for the area between the Patrol Training Academy Ranges north of Horn Rapids Road and slightly west of Route 10 (see attached map) on Friday, September 7, through Sunday, September 9.

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. To protect employees and the environment, minimum concentrations of herbicides will be used.

A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph. Activities will be stopped if wind speed or weather conditions favor drift. The chemicals to be used are listed below:

- Herbicide
Tordon 22K (MSDS #017186)
- Surfactant
Liberate (MSDS #061182)

For more information, please contact Juan Rodriquez, 376-5128; Joe Caudill, 372-2946; or Ray Johnson, 372-3056.

9/6/2007

^WCH Document Control

135244

From: ^WCH Employee Information
Sent: Tuesday, August 21, 2007 8:09 AM
Subject: Herbicide Applications in the 100 D and 100 H Areas

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Please distribute this information to employees who do not have access to a computer

Herbicides Roundup Pro, Quicksilver, and Hi Light Blue will be applied at the 118-H-3 and 118-D-2 Burial Grounds and around the 100-D/DR truck scale, Wednesday, August 22, 2007 weather permitting. Questions about the scheduled application or for copies of the product MSDS sheets, please contact April Johnson at 554-2264.

From: ^WCH Employee Information
Sent: Tuesday, July 10, 2007 11:28 AM
Subject: Herbicide Applications in the 100-K, 100-D and 100-H Areas

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

*****Please distribute this information to employees who do not have access to a computer*****

Herbicide Applications in the 100-K, 100-D, and 100-H Areas this Thursday and Friday July 12 and 13, 2007.

Herbicides Roundup Pro, Fighter F, Quest, ET, Hi Light, and MSO will be applied at the 118-K-1 Field Remediation Project area and 100-D and 100-H Area Burial Grounds this Thursday and Friday July 12 and 13, 2007 weather permitting.

Questions about the scheduled application or for copies of the product MSDS sheets please contact April Johnson at 554-2264.

^WCH Document Control

134413

From: ^WCH Employee Information

Sent: Monday, July 02, 2007 3:41 PM

Subject: Herbicide Application in the 300 Area - Thursday, July 5, 2007

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

******Please distribute this information to employees who do not have access to a computer******

Herbicide Applications in the 300 Area (Field Remediation West Side) this Thursday July 5, 2007.

Herbicides Roundup Pro, Liberate, Quest, ET, and MSO will be applied around the 300 Area Field Remediation west side mobile offices this Thursday July 5, 2007 weather permitting.

Questions about the scheduled application or for copies of the product MSDS sheets please contact April Johnson at 554-2264.

^WCH Document Control

134357

From: ^WCH Employee Information
Sent: Wednesday, June 27, 2007 7:09 AM
Subject: FW: AERIAL APPLICATION OF HERBICIDES FRIDAY, SATURDAY AND SUNDAY, JUNE 29 - JULY 1
Attachments: oledata.mso

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

****Please distribute this information to employees who do not have access to a computer****

Fluor Hanford
June 26, 2007

General Delivery Message

Subject: AERIAL APPLICATION OF HERBICIDES FRIDAY, SATURDAY AND SUNDAY, JUNE 29 - JULY 1

To: All Fluor Hanford and Subcontractor Employees
From: Rich Slocum, Vice President, Closure Services and Infrastructure

Pending approvals and clearance by security and weather permitting, aerial application of herbicides to control noxious and industrial weeds is planned for areas of the Hanford site, Friday, June 29 through Sunday, July 1.

- West of 100 B/C Area to near State Highway 24 (noxious weeds)
- Hanford Townsite south Sand Dunes (noxious weeds)
- 200 W Burial Ground 218-W-3A and EA (tumbleweeds)
- 200 E Burial Ground 218-E-12B.

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. To protect employees and the environment, minimum concentrations of herbicide will be used.

A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph and the ambient temperature is less than 85°F. Activities will be stopped if winds could potentially blow herbicide toward employees or a sensitive environmental area. The chemicals to be used are listed below:

- Herbicides
 - Tordon 22K (MSDS #017186)
 - Brox 2EC (MSDS #065669)
 - Overdrive (MSDS #062903)
- Surfactants

6/27/2007

Liberate (MSDS #061182)
MSO (MSDS #059585)

For more information, please contact Juan Rodriguez, 376-5128; Joe Caudill, 372-2946; or Ray Johnson, 372-3056.

^WCH Document Control

134350

From: ^WCH Employee Information
Sent: Tuesday, June 26, 2007 12:02 PM
Subject: Herbicide Application in the 300 Area

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Herbicide Applications in the 300 Area (Field Remediation West Side):

Thursday, June 28, 2007

Herbicides Roundup Pro, Liberate, Quest, ET, and MSO will be applied around the 300 Area Field Remediation west side mobile offices this Thursday June 28, 2007 weather permitting.

Questions about the scheduled application or for copies of the product MSDS sheets please contact **April Johnson at 554-2264**.

******Please distribute this information to employees who do not have access to a computer******

^WCH Document Control

134315

From: ^WCH Employee Information
Sent: Thursday, June 21, 2007 10:34 AM
Subject: Herbicide Applications in the 100 Areas

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

The herbicide applications will be in the following areas:

100H, 100K and 100N Areas on this Friday, June 22 and Saturday, June 23, 2007.

Herbicides Roundup Pro, Liberate, Quest, ET, and MSO will be applied at 1103N and mobile offices in the vicinity of 1103N,

100 K Field Remediation and 100 H Areas this Friday and Saturday June 22 and 23, 2007 weather permitting.

Questions about the scheduled application or for copies of the product MSDS sheets please contact April Johnson at 554-2264.

******Please distribute this information to employees who do not have access to a computer******

^WCH Document Control

134199

From: ^WCH Employee Information
Sent: Monday, June 11, 2007 11:32 AM
Subject: HERBICIDE APPLICATION

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

What: Herbicides to be Applied
Where: 300 Area
When: Tuesday, Wednesday, Thursday (June 12-14, 2007)
Conditions: Weather permitting

Herbicides Roundup Pro and Liberate will be applied within the 300 Area this Tuesday through Thursday June 12- 14, 2007, weather permitting.

Questions about the scheduled application or for copies of the product MSDS sheets, please contact April Johnson at 554-2264.

****Please distribute this information to employees who do not have access to a computer****

^WCH Document Control

129689

From: ^WCH Employee Information
Sent: Thursday, September 14, 2006 1:58 PM
Subject: AERIAL APPLICATION OF HERBICIDES, SATURDAY AND SUNDAY, SEPTEMBER 16-17

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Please distribute this information to employees who do not have access to a computer

General Delivery Message

**AERIAL APPLICATION OF HERBICIDES, SATURDAY AND SUNDAY,
SEPTEMBER 16-17**

Pending approvals and clearance by Security, and weather permitting, helicopter applications of herbicides to control the spread of noxious weeds is planned for areas of the Hanford Site this Saturday and Sunday, September 16-17.

An off-site vendor will perform the application; however, Hanford personnel will transfer and load materials and chemicals. Minimum concentrations of herbicide are being used to protect employees and the environment.

A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph. Activities will be halted if winds could potentially blow herbicide toward employees or a sensitive environmental area.

A reader board with "Aerial application in progress today" will be posted near the 300 Area of the Hanford Site to further notify individuals of the intended applications.

LOCATION TO BE SPRAYED

The area west of Route 4S from Horn Rapids Road and north of the Patrol Training Academy on the south to Kentucky Boulevard on the north

MATERIALS APPLIED

Tordon 22K (herbicide)	MSDS #017186
Liberate (surfactant)	MSDS # 061182

For more information, please contact Juan Rodriquez, 376-5128; Joe Caudill, 372-2946; or Ray Johnson, 372-3056.

^WCH Document Control

128970

From: ^WCH Employee Information
Sent: Thursday, July 27, 2006 7:29 AM
Subject: Herbicide Applications at ERDF this Friday, July 28

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

*****Please distribute this information to employees who do not have access to a computer*****

Herbicide Applications at ERDF this Friday, July 28

Weather permitting, Roundup Pro and ET will be applied around the ERDF mobile offices MO-604, MO-607, and ILSI truck yard this Friday, July 28. For more information about the scheduled application or for copies of the product Material Safety Data Sheets please contact April Johnson at 372-9288.

^WCH Document Control

128879

From: Huntley, Lori D
Sent: Wednesday, July 19, 2006 3:18 PM
To: ^WCH Employee Information
Subject: Herbicide Applications to be applied this Friday (100F & ERDF)

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

*****Please distribute this information to employees who do not have access to a computer*****

Herbicide Applications in the 100F and ERDF Areas this Friday, July 21

Weather permitting, Roundup Pro and ET will be applied around the 100F mobile offices and ERDF MO-604, MO-607, and ILSI truck yard this Friday, July 21. For more information about the scheduled application or for copies of the product Material Safety Data Sheets please contact April Johnson at 372-9288.

^WCH Document Control

128566

From: ^WCH Employee Information
Sent: Wednesday, July 05, 2006 3:15 PM
Subject: Herbicides to be applied Friday and Saturday

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Please distribute this information to employees who do not have access to a computer

Herbicides to be applied Friday and Saturday

Weather permitting, Roundup Pro and ET will be applied within the **300 Area** this Friday and Saturday, July 7 and 8. For more information about the scheduled application or for copies of the product Material Safety Data Sheets please contact April Johnson at 372-9288.

^WCH Document Control

128521

From: ^WCH Employee Information
Sent: Thursday, June 29, 2006 8:23 AM
Subject: Herbicides to be applied Friday and Saturday

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

*****Please distribute this information to employees who do not have access to a computer*****

Herbicides to be applied Friday and Saturday

Weather permitting, Roundup Pro and ET will be applied within the 300 Area this Friday and Saturday, June 30 and July 1. For more information about the scheduled application or for copies of the product Material Safety Data Sheets please contact April Johnson at 372-9288.

From: ^WCH Employee Information
Sent: Monday, March 20, 2006 10:15 AM
Subject: 3/24/06 Herbicide applications in 100K and 100 B/C Areas

Do not reply to this mailbox. It is not monitored. If you have questions about this message please address them to the contact listed below.

ANNOUNCEMENT

This is a safety related message that needs to be distributed to all Hanford employees.

*** Please distribute this information to employees who do not have access to a computer ***

Herbicide Applications at the 100 K and 100 B/C Areas this Friday, March 24, 2006

Preemergent herbicides Krovar and Sahara will be applied within the
100 K and 100 B/C Areas

this Friday March 24, 2006, weather permitting.

Questions about the scheduled application or for copies of the product
MSDS sheets please contact

April Johnson at 372-9288.

^WCH Records Document Control

From: ^WCH Employee Information
Sent: Monday, March 20, 2006 10:15 AM
Subject: 3/24/06 Herbicide applications in 100K and 100 B/C Areas

Do not reply to this mailbox. It is not monitored. If you have questions about this message please address them to the contact listed below.

ANNOUNCEMENT

This is a safety related message that needs to be distributed to all Hanford employees.

*** Please distribute this information to employees who do not have access to a computer ***

Herbicide Applications at the 100 K and 100 B/C Areas this Friday, March 24, 2006

Preemergent herbicides Krovar and Sahara will be applied within the
100 K and 100 B/C Areas
this Friday March 24, 2006, weather permitting.

Questions about the scheduled application or for copies of the product
MSDS sheets please contact

April Johnson at 372-9288.

From: ^WCH Employee Information
Sent: Thursday, March 16, 2006 3:13 PM
Subject: Herbicide applications this Saturday

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

*****Please distribute this information to employees who do not have access to a computer*****

Herbicide Applications the 100 F and 300 Areas this Saturday March 18, 2006

Preemergent herbicides Krovar and Sahara will be applied within the 100 F and 300 Areas this Saturday March 18, 2006, weather permitting. Questions about the scheduled application or for copies of the product MSDS sheets please contact April Johnson at 372-9288.

From: ^WCH Employee Information
Sent: Thursday, March 09, 2006 3:03 PM
Subject: Herbicide applications at 100 N and 300 areas Friday and Saturday

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Please distribute this information to employees who do not have access to a computer

Herbicide applications Friday and Saturday

Pre-emergent herbicides Krovar and Sahara will be applied within the 100 N and 300 Areas this Friday and Saturday, March 10 and 11, 2006, weather permitting. Questions about the scheduled application or for copies of the product MSDS sheets please contact April Johnson at 372-9288.

^WCH Records Document Control

From: ^WCH Employee Information
Sent: Thursday, September 22, 2005 4:09 PM
Subject: AERIAL APPLICATION OF HERBICIDES FRIDAY THROUGH SUNDAY, SEPTEMBER 23 – 25

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

ANNOUNCEMENT

This is a safety related message that needs to be distributed to all Hanford employees.

Please distribute this information to employees who do not have access to a computer

Subject: AERIAL APPLICATION OF HERBICIDES FRIDAY through Sunday, September 23 – 25

In a continuing effort to control the spread of noxious weeds, aerial application of herbicides is planned for specific sites in the 600 Area of the Hanford Site Friday, September 23, through Sunday, September 25 – security conditions and weather permitting. This activity will not impact travel on roads within or near the application site.

Locations of applications Friday through Sunday, September 23-25, are as follows:

- 618-2 Burial Ground / 300 Area
- Hanford Site (Yellow Starthistle and Diffuse Knapweeds areas) / 600 Area

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. Minimum concentrations of herbicide are being used to protect employee safety and the environment.

The materials to be used may include one or more of the following:

· Herbicides

Roundup PRO MSDS # 053551

ET Herbicide MSDS # 063352

Tordon 22K MSDS # 017186

· Surfactant

Liberate MSDS # 061182

A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph. Activities will be halted if winds could potentially blow herbicide toward employees or a sensitive environmental area.

Roadside banners and/or electric message boards with the message, "Aerial application in progress today," will

be posted outside the security gate entrances to the Hanford Site to further notify individuals of the intended applications.

For more information, please contact Juan Rodriguez, 376-5128 or Joe Caudill, 372-2946.

^WCH Records Document Control

From: ^WCH Employee Information
Sent: Wednesday, September 14, 2005 8:43 AM
Subject: Subject: AERIAL APPLICATION OF HERBICIDES Friday through Sunday, September 16 – 18

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

Please distribute this information to employees who do not have access to a computer

AERIAL APPLICATION OF HERBICIDES Friday through Sunday, September 16 – 18

From: Ray Johnson, Activity Manager, Biological Control

High winds did not allow for spraying weeds on the Hanford Site the past weekend. Therefore, in an ongoing effort to control the spread of these weeds, aerial application of herbicides is planned for specific waste sites associated with the 200 East and West Areas, and noxious weed infested areas in the 600 Area of the Hanford Site Friday, September 16, through Sunday, September 18, security conditions and weather permitting. This activity will impact travel only on those roads within or near the application sites.

Locations of applications Friday through Sunday, September 16-18 are as follows:

- 218-E-10 Burial Ground / 200 East Area ,
- 218-E-12B Burial Ground / 200 East Area
- 218-W-5 Burial Ground / 200 West Area
- 218-W-3AE Burial Ground / 200 West Area
- 218-W-4A Burial Ground / 200 West Area
- 218-W-3A Burial Ground / 200 West Area
- 218-W-1 Burial Ground / 200 West Area
- 218-W-2 Burial Ground / 200 West Area
- 218-W-4B Burial Ground / 200 West Area
- 218-W-6 Burial Ground / 200 West Area
- 216-BC Stabilized Cribs / 600 Area
- ERDF Cells / 600 Area
- Hanford Site (Yellow Star thistle and Diffuse Knapweeds areas) / 600 Area
- 618-2 Burial Ground / 300 Area

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. Minimum concentrations of herbicide are being used to protect employee safety and the environment.

The materials to be used may include one or more of the following:

- Herbicides

Roundup PRO MSDS # 053551

ET Herbicide MSDS # 063352

Tordon 22K MSDS # 017186

123700

· Surfactant

Liberate MSDS # 061182

A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph. Activities will be halted if winds could potentially blow herbicide toward employees or a sensitive environmental area.

Roadside banners and/or electric message boards with the message, "Aerial application in progress today," will be posted outside the security gate entrances to the Hanford Site to further notify individuals of the intended applications.

For more information, please contact Juan Rodriguez, 376-5128 or Joe Caudill, 372-2946.

^WCH Records & Document Control**1 2 3 4 1 6**

From: Casbon, Michael A (Mike)
Sent: Thursday, September 08, 2005 10:22 AM
To: Duranceau, David A
Cc: ^WCH Records & Document Control; Borlaug, William A; Burnside, Michael E; Einan, David; Kennedy, Colburn E; Michael, Ashur R; Rugg, James E; Weiss, Richard L
Subject: FW: MSDSs for herbicides used in helicopter spraying

Dave,

Based on Rich's analysis below the spraying of pesticides at the ERDF is acceptable. The only limitation is that the stock chemicals be kept away from the actual liner. Since these pesticides will be helicopter-sprayed I don't see any potential of this happening.

Please contact me if you have any questions.
 Mike Casbon

From: Weiss, Richard L
Sent: Thursday, September 08, 2005 9:51 AM
To: Casbon, Michael A (Mike)
Cc: Duranceau, David A; Michael, Ashur R
Subject: RE: MSDSs for herbicides used in helicopter spraying

Mike,

Each one of these is a little different

For the "Choice" material, this is an inorganic salt and will have no logical impact on the liner.

"Roundup" is technically an organic salt and this is a little beyond the generic "salts" defined in the liner studies. I don't see a liner impact from use of this material, the compound is pretty innocuous to plastics (way it is sold), is readily biodegradable, and won't travel very far or will readily dilute. I'd be comfortable with a generic 1000 ppm limit for any current use herbicide or pesticide. Note that this would be at the liner, not necessarily as-applied. I think we can assume sufficient degradation/dilution from as-applied.

The "ET Herbicide" looks different primarily due to the solvents used. The active ingredient readily falls under the 1000 ppm level I've discussed in the "Roundup" paragraph. The MSDS doesn't give much information on the solvent, but the flashpoint is listed as 86.9 deg C with a characteristic odor of naphthalene. Other sections imply use of naphthalene, pyrrolidone, and xylenes. These all effectively list out at 200 ppm limits in the 9090 study. As-applied, this material probably isn't an issue, but you'd want to keep the stock material away from the liner.

Let me know if you have any questions.

Rich

From: Casbon, Michael A (Mike)
Sent: Wednesday, September 07, 2005 11:08 AM
To: Weiss, Richard L
Cc: Duranceau, David A; Michael, Ashur R
Subject: FW: MSDSs for herbicides used in helicopter spraying

9/8/2005

123416

Rich,

I don't believe that these will affect the ERDF liner system. I consider Roundup Pro to be a salt solution and therefore, no impact. Is that true of the others?

I need to respond to Duratek as soon as possible so that they can get scheduled on Saturday's airborne spray program.

Thank you,
Mike Casbon

From: Duranceau, David A
Sent: Tuesday, September 06, 2005 1:05 PM
To: Casbon, Michael A (Mike)
Subject: FW: MSDSs for herbicides used in helicopter spraying

Mike,

Please see Daniel's message below. Who can answer this question?

Thanks,

David.

From: Saucedo, Daniel G
Sent: Tuesday, September 06, 2005 10:39 AM
To: Duranceau, David A
Cc: Gagnon, Paul A; Sweesy, Jason J
Subject: FW: MSDSs for herbicides used in helicopter spraying

David,

As we spoke in our last progress meeting, here are the MSDS that Juan (Duratek bugs & bunnies) will be using this weekend if weather permits. I would like permission from a liner compatibility issue for authorization for Juan and his men to spray on the slopes inside the ERDF landfill to kill off tumbleweeds.

Thanks,
Daniel

From: Rodriguez, Juan M
Sent: Tuesday, September 06, 2005 9:50 AM
To: Gagnon, Paul A
Subject: RE: MSDSs for herbicides used in helicopter spraying

These are the materials we plan on using this weekend if weather permits..

From: Gagnon, Paul A
Sent: Tuesday, September 06, 2005 8:42 AM
To: Rodriguez, Juan M

9/8/2005

Cc: Saucedo, Daniel G
Subject: MSDSs for herbicides used in helicopter spraying

123416

Juan,

Could you send us the MSDSs for the herbicides you would use if you were spraying tumbleweeds inside the ERDF disposal cells.

Thanks,

Paul A. Gagnon
Project Manager
Duratek Federal Services, Inc.
(509) 373-1744 / (509) 308-0004

From: ^WCH Employee Information
Sent: Wednesday, September 07, 2005 10:58 AM
Subject: AERIAL APPLICATION OF HERBICIDES THIS FRIDAY AND SATURDAY, SEPTEMBER 9 -10
Attachments: image001.png; oledata.mso

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

ANNOUNCEMENT

AERIAL APPLICATION OF HERBICIDES THIS FRIDAY AND SATURDAY, SEPTEMBER 9 & 10

In an effort to control the spread of weeds, aerial application of herbicides is planned for specific waste sites associated with the 200 East and West Areas, as well as noxious weed infested areas in the 600 Area of the Hanford Site on Friday, September 9, and Saturday, September 10, if security conditions and weather permit. This activity will impact travel only on those roads in or near the application sites/locations.

Locations of applications Friday and Saturday, September 9 - 10 are as follows:

- 218-E-10 Burial Ground / 200 East Area
- 218-E-12B Burial Ground / 200 East Area
- 218-W-5 Burial Ground / 200 West Area
- 218-W-3AE Burial Ground / 200 West Area
- 218-W-4A Burial Ground / 200 West Area
- 218-W-3A Burial Ground / 200 West Area
- 218-W-1 Burial Ground / 200 West Area
- 218-W-2 Burial Ground / 200 West Area
- 218-W-4B Burial Ground / 200 West Area
- 218-W-6 Burial Ground / 200 West Area
- 216-BC Stabilized Cribs / 600 Area
- ERDF Cells / 600 Area
- Hanford Site (Yellow Starthistle and Diffuse Knapweeds areas) / 600 Area

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. Minimum concentrations of herbicide are being used to protect employee safety and the environment.

The materials to be used may include one or more of the following:

- Herbicides

Roundup PRO	MSDS # 053551
ET Herbicide	MSDS # 063352
Tordon 22K	MSDS # 017186
- Surfactant

Liberate	MSDS # 061182
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A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than

9/7/2005

10 mph. Activities will be halted if winds could potentially blow herbicide toward employees or a sensitive environmental area.

Roadside banners and/or electric message boards with the message, "Aerial application in progress today," will be posted outside the security gate entrances to the Hanford Site to further notify individuals of the intended applications.

For more information, please contact Juan Rodriquez, 376-5128; Joe Caudill, 372-2946; or Ray Johnson, 372-3056.

From: ^ERC Employee Information
Sent: Thursday, May 12, 2005 1:38 PM
Subject: AERIAL APPLICATION OF HERBICIDES, FRIDAY AND SATURDAY, MAY 13 - 14

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

ANNOUNCEMENT

AERIAL APPLICATION OF HERBICIDES, Friday and Saturday, May 13 - 14

In an effort to control the spread of noxious and industrial weeds, aerial application of herbicides is planned for specific areas of the Hanford Site Friday and Saturday, May 13 – 14, weather permitting. This activity will impact travel on roads in or near the application sites.

Location of applications is as follows:

Friday, May 13

Hanford Townsite (noxious weeds)

Saturday, May 14

200 West Area Perimeter Fence

200 West Area Waste Sites (218-W-4C, 218-W-6, 216-S-16P, 216-S-16D, 216-U-9, 216-S-6, 216-S-5, 216-S-17, 216-S-10P)

200 East Area Waste Sites (218-E-12B, 218-E-10, 216-B-3C, 216-B-3, 216-B-3A, 216-B-3B, BC Cribs, Gable Pond)

North of Patrol Training Academy (PTA) Firing Range (noxious weeds)

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. Minimum concentrations of herbicide are being used to protect employee safety and the environment.

The materials to be used are:

Herbicides

Tordon 22K MSDS # 017186

Metgard 60DF MSDS # 062353

Hard Ball MSDS # 063154

Veteran 720 MSDS # 036726

Surfactant

Liberate MSDS # 061182

A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph and the ambient temperature is less than 85° F. Activities will be halted if winds could potentially blow herbicide toward employees or a sensitive environmental area.

Roadside banners with the message, "Aerial application in progress today," will be posted outside the security gate entrances to the Hanford Site to further notify individuals of the intended applications.

For more information, please contact Juan Rodriquez, 376-5128; Joe Caudill, 372-2946; or Ray Johnson, 372-3056.

^BHI Document & Info Services

~~120596~~

From: ^ERC Employee Information
Sent: Wednesday, May 04, 2005 12:59 PM
Subject: HERBICIDES TO BE APPLIED FRIDAY AND SATURDAY

Do not reply to this mailbox. It is not monitored. If you have questions about this message, please address them to the contact listed below.

ANNOUNCEMENT

Fluor Hanford
May 4, 2005

General Delivery Message

Subject: HERBICIDES TO BE APPLIED FRIDAY AND SATURDAY

To: Fluor Hanford and Subcontractor Employees
From: Ray Johnson, Program Manager, Biological Control

In an effort to control the spread of noxious and industrial weeds, aerial application of herbicides is planned for specific areas of the Hanford Site on Friday, May 6, and Saturday, May 7, weather permitting. This activity will impact travel on roads in or near the application sites.

Locations are as follows:

- Friday
Patrol Training Academy (PTA) Firing Range (noxious weeds)
Hanford Townsite (noxious weeds)
- Saturday
200 West Area Perimeter Fence
200 West Area Waste Sites (218-W-4C, 218-W-6, 216-S-16P, 216-S-16D, 216-U-9, 216-S-6, 216-S-5, 216-S-17, 216-S-10P)
200 East Area Waste Sites (218-E-12B, 218-E-10, 216-B-3C, 216-B-3, 216-B-3A, 216-B-3B, BC Cribs, Gable Pond)
200 East Area Perimeter Fence

An off-site vendor will apply the herbicides; however, Hanford personnel will transfer and load materials and chemicals. Minimum concentrations of herbicide are being used to protect employee safety and the environment. A helicopter flying at low altitudes (15-50 feet) will apply the herbicides when the wind speeds are less than 10 mph and the ambient temperature is less than 85⁰F. Activities will be halted if winds could potentially blow herbicide toward employees or a sensitive environmental area.

Roadside banners with the message, "Aerial application in progress today," will be posted outside the security gate entrances to the Hanford Site to further notify individuals of the intended applications.

5/4/2005

Several materials will be used:

120596

- Herbicides
Tordon 22K MSDS # 017186
Metgard 60DF MSDS # 062353
Hard Ball MSDS # 063154
Veteran 720 MSDS # 036726
- Surfactant
Liberate MSDS # 061182

For more information, please contact Juan Rodriguez, 376-5128; Joe Caudill, 372-2946; or Ray Johnson, 372-3056.