

CORRESPONDENCE DISTRIBUTION/REVIEW COVERSHEET

DATE DUE TO RL: June 15, 2006

Contact Person: Teresa Smith

Phone No.: 376-4914

Date: JUN 14 2006

Author:
R. G. Gallagher, FH
R. E. Johnson, 373-4435

Addressee:
K. A. Klein, RL

Correspondence No.:
FH-0601342
Contract No.: DE-AC06-96RL13200

SUBJECT: 2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT [EPCRA] SECTION 313)

INTERNAL DISTRIBUTION

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L. P. Diediker <i>6-9-06</i>	H8-13		R. E. Johnson <i>REL 6/6/06</i>	H8-13	
B. J. Dixon	R3-32				

Review/Approve <small>(Internal Distribution should also include those listed below)</small>	Location	w/att	Comments		Date	Comments Incorporated		Date
			Yes	No		Yes	No	
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L. L. Fritz <i>L. L. Fritz</i>	H8-12			X	<i>6.13.06</i>			
H. Hermanas <i>Hermanas</i>	B3-70			X	<i>6.12.06</i>			
Prime Contracts POC M. S. Strickland <i>M. S. Strickland</i>	B3-70			X	<i>6/13/06</i>			
Office of the President <i>Guja</i>	H5-20			X	<i>6/14/06</i>			

Commitment Date(s)/Action:

July 3, 2006/RL approval, certification, and submittal to required agencies

EXECUTIVE SUMMARY

The attached 2005 Hanford Site Toxic Chemical Release Inventory (TRI report) to RL, has been prepared in accordance with the PHMC Section C.5.1.1 *Environmental Protection*. The requirement to prepare this report is contained in Section 313 of the Emergency Planning and Community Right-To-Know Act and Executive Order 13148. The TRI report includes information about environmental releases and other waste management activities involving the chemical lead, Chemical Abstract Services Registry (CAS) number 7439-92-1, and the chemical propylene, CAS number 115-07-1.

Fluor Hanford
P.O. Box 1000
Richland, Washington 99352

FLUOR

JUN 14 2006

FH-0601342
CONTRACT NO. DE-AC06-96RL13200

Mr. Keith A. Klein, Manager
U.S. Department of Energy
Richland Operations Office
Post Office Box 550
Richland, Washington 99352

Dear Mr. Klein:

2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY (EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT [EPCRA] SECTION 313)

The purpose of this letter is to transmit to RL deliverable CD0158 Emergency Planning and Community Right-to-Know Act (EPCRA) Section 313 *2005 Hanford Site Toxic Chemical Release Inventory* (Attachment 1), in accordance with the PHMC Section C.5.1.1 *Environmental Protection*. After approval and certification by RL, the report must be transmitted to the U.S Environmental Protection Agency TRI Data Processing Center and the State of Washington, Department of Ecology, Hazardous Waste and Toxics Reduction Program Office. Letters to these organizations and the required certification statement are provided for use in transmitting the report (Attachment 2). The certified TRI report must be postmarked on or before **July 3, 2006**.

Preparation of this report is funded under the Environmental Compliance Program as deliverable number ECP-06-504. While FH is responsible for compiling the data, each prime contractor is responsible for the accuracy of its data contained in the report. Accordingly, Hanford Site contractor personnel participated in a thorough review of the draft TRI report; individual contractor certifications are provided in Attachment 3.

RECEIVED

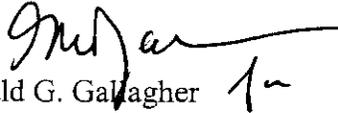
JUN 14 2006

DE-RL/RLCC

JUN 14 2006

Technical questions should be directed to Lori L. Fritz at 373-9206; contractual questions should be referred to Michael S. Strickland at 372-8388.

Very truly yours,



Ronald G. Gallagher
President and
Chief Executive Officer

tms

Attachments 3

RL -	J. B. Hebdon	A5-15
	M. F. Jarvis	A5-15
	S. A. Sieracki (w/o att)	A7-80
ATLII -	J. Hwang	T6-10
BNI -	J. P. Henschel	H4-02
CH2M HILL -	M. N. Jaraysi	H6-03
PNNL -	A. K. Ikenberry	J2-25
WCH -	P. L. Pettiette	H0-21

FH-0601342

ATTACHMENT 1

DOE/RL-2006-38

2005 Hanford Site Toxic Chemical Release Inventory

Consisting of 32 pages, including cover page

2005 Hanford Site Toxic Chemical Release Inventory

Emergency Planning and Community Right-to-Know Act, Section 313

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management



**United States
Department of Energy**
P.O. Box 550
Richland, Washington 99352

Approved for Public Release;
Further Dissemination Unlimited

2005 Hanford Site Toxic Chemical Release Inventory

Emergency Planning and Community Right-to-Know Act,
Section 313

R. E. Johnson
Fluor Hanford, Inc.

Date Published
June 2006

Prepared for the U.S. Department of Energy
Assistant Secretary for Environmental Management



**United States
Department of Energy**
P.O. Box 550
Richland, Washington 99352

R. E. Johnson *6/9/2006*
Release Approval Date

Approved for Public Release:
Further Dissemination Unlimited

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ABSTRACT

Pursuant to section 313 of the *Emergency Planning and Community Right-To-Know Act of 1986* (EPCRA), and Executive Order 13148, *Greening the Government Through Leadership in Environmental Management*, the U.S. Department of Energy has prepared and submitted a Toxic Chemical Release Inventory for the Hanford Site covering activities performed during calendar year 2005.

EPCRA Section 313 requires facilities that manufacture, process, or otherwise use listed toxic chemicals in quantities exceeding established threshold levels to report total annual releases of those chemicals. During calendar year 2005, Hanford Site activities resulted in two chemicals used in amounts exceeding an activity threshold; lead, Chemical Abstract Services Registry (CAS) Number 7439-92-1 and propylene, CAS Number 115-07-1. Accordingly, the *2005 Hanford Site Toxic Chemical Release Inventory*, DOE/RL-2006-38, Revision 0, includes total annual amounts of lead and propylene released to the environment, transferred to offsite locations, and otherwise managed as waste.

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EXECUTIVE SUMMARY

Section 313 of the *Emergency Planning and Community Right-To-Know Act of 1986* (EPCRA) requires covered facilities to report total annual releases of certain chemicals. The Pollution Prevention Act requires facilities covered under EPCRA section 313 to include source reduction information with their submittals. Executive Order 13148, *Greening the Government Through Leadership in Environmental Management*, extends these requirements to all federal facilities that manufacture, process, or otherwise use listed toxic chemicals in quantities exceeding threshold levels established under EPCRA section 313.

Reporting is required for each toxic chemical that exceeds one of the established activity thresholds. The threshold for manufacturing or processing activities is 25,000 pounds. The threshold for chemicals otherwise used is 10,000 pounds. Certain chemicals identified by the Environmental Protection Agency (EPA) as being persistent and bioaccumulative have lower activity thresholds; either 100 pounds, 10 pounds if highly persistent and bioaccumulative, or 0.1 pound for dioxin and dioxin-like compounds.

During calendar year 2005, Hanford Site activities resulted in two chemicals used in amounts exceeding an activity threshold; lead, Chemical Abstract Services Registry (CAS) Number 7439-92-1 and propylene, CAS Number 115-07-1. Lead is identified as a persistent, bioaccumulation toxic chemical with a 100-pound threshold. Propylene is identified as an otherwise used chemical with a 10,000-pound threshold. Accordingly, the *2005 Hanford Site Toxic Chemical Release Inventory*, DOE/RL-200-38, Revision 0, includes total annual amounts of lead and propylene released to the environment, transferred to offsite locations, and otherwise managed as waste.

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Form R for Lead.....	1
Form R for Propylene	15
Distribution	Distr-1

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Form Approved OMB Number: 2070-0093

Approval Expires: 1/31/2008

Page 1 of 5

(IMPORTANT: Type or print, read instructions before completing form)

 EPA United States Environmental Protection Agency	FORM R Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act	TRI Facility ID Number 99352SDPRTP0BOX
		Toxic Chemical, Category or Generic Name Lead
WHERE TO SEND COMPLETED FORMS: 1. TRI Data Processing Center P.O. Box 1513 Lanham, MD 20703-1513		Enter "X" here if this is a revision
		For EPA use only

Important: See instructions to determine when "Not Applicable (NA)" boxes should be checked.

PART I. FACILITY IDENTIFICATION INFORMATION

SECTION 1. REPORTING YEAR 2005

SECTION 2. TRADE SECRET INFORMATION

2.1	Are you claiming the toxic chemical identified on page 2 trade secret?	2.2	Is this copy	<input type="checkbox"/> Sanitized	<input type="checkbox"/> Unsanitized
	<input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms) <input checked="" type="checkbox"/> NO (Do not answer 2.2; Go to Section 3)		(Answer only if "YES" in 2.1)		

SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)

I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Name and official title of owner/operator or senior management official:	Signature:	Date Signed:
OFFICIAL SUBMITTAL CERTIFIED BY KEITH A. KLEIN, MANAGER DOE RICHLAND OPERATI		06/30/2006

SECTION 4. FACILITY IDENTIFICATION

4.1	TRI Facility ID Number	99352SDPRTP0BOX												
Facility or Establishment Name	Facility or Establishment Name or Mailing Address (if different from street address)													
U.S. DOE HANFORD SITE	U.S. DOE HANFORD SITE													
Street	Mailing Address													
625 JADWIN AVENUE	POST OFFICE BOX 550													
City/County/State/Zip Code	City/State/Zip Code	Country (Non-US)												
RICHLAND BENTON WA 99352	RICHLAND WA 99352-0550													
4.2	This report contains information for: (Important: check a or b; check c or d if applicable)													
	a. <input checked="" type="checkbox"/> An entire facility b. <input type="checkbox"/> Part of a facility c. <input checked="" type="checkbox"/> A Federal facility d. <input type="checkbox"/> GOCO													
4.3	Technical Contact Name	Telephone Number (include area code)												
	JOEL B. HEBDON	(509) 372-3468												
	Email Address													
	Joel_B_Hebdon@rl.gov													
4.4	Public Contact Name	Telephone Number (include area code)												
	JOEL B. HEBDON	(509) 372-3468												
4.5	SIC Code (s) (4 digits)													
	<table border="1"> <tr> <th colspan="6">Primary</th> </tr> <tr> <td>a. 9999</td> <td>b. 9511</td> <td>c.</td> <td>d.</td> <td>e.</td> <td>f.</td> </tr> </table>	Primary						a. 9999	b. 9511	c.	d.	e.	f.	
Primary														
a. 9999	b. 9511	c.	d.	e.	f.									
4.7	Dun & Bradstreet Number(s) (9 digits)													
	a. NA													
	b.													

SECTION 5. PARENT COMPANY INFORMATION

5.1	Name of Parent Company	U.S. Department of Energy
	NA <input type="checkbox"/>	
5.2	Parent Company's Dun & Bradstreet Number	
	NA <input checked="" type="checkbox"/>	

EPA Form 9350-1 (Rev. 1/2006) - Previous editions are obsolete.

Printed using TRI-ME RY2005 6.1.6

6/6/2006 02:39 AM

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION		TRI Facility ID Number																																		
		Toxic Chemical, Category or Generic Name																																		
		Lead																																		
SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you completed Section 2 below.)																																				
1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)																																			
	7439-92-1																																			
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)																																			
	Lead																																			
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)																																			
	NA																																			
Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category. (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have specification data available, indicate NA.)																																				
1.4	<table border="1"> <tr> <td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td> </tr> <tr> <td>NA</td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td><td></td> </tr> </table>		1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	NA																
1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17																				
NA																																				
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)																																				
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)																																			
	NA																																			
SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)																																				
3.1	Manufacture the toxic chemical:	3.2 Process the toxic chemical:	3.3 Otherwise use the toxic chemical:																																	
	a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import If produce or import: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity	a. <input type="checkbox"/> As a reactant b. <input type="checkbox"/> As a formulation component c. <input type="checkbox"/> As an article component d. <input checked="" type="checkbox"/> Repackaging e. <input type="checkbox"/> As an impurity	a. <input type="checkbox"/> As a chemical processing aid b. <input type="checkbox"/> As a manufacturing aid c. <input checked="" type="checkbox"/> Ancillary or other use																																	
SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR																																				
4.1	04 (Enter two-digit code from instruction package.)																																			
SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE																																				
		A. Total Release (pounds/year) (Enter range code or estimate**)	B. Basis of Estimate (enter code)	C. % From Stormwater																																
5.1	Fugitive or non-point air emissions	NA	4	E																																
5.2	Stack or point air emissions	NA	0	O																																
5.3	Discharges to receiving streams or water bodies (enter one name per box)																																			
Stream or Water Body Name																																				
5.3.1	COLUMBIA RIVER	0	M	NA																																
5.3.2																																				
5.3.3																																				
If additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box and indicate the Part II, Section 5.3 page number in this box.																																				

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number		
		69352BDPPT*OBCX		
		Toxic Chemical, Category, or Generic Name		
		Lead		
SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued)				
		NA	A. Total Release (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)
5.4.1	Underground Injection onsite to Class I Wells	<input checked="" type="checkbox"/>		
5.4.2	Underground Injection onsite to Class II-V Wells	<input type="checkbox"/>	0	M
5.5	Disposal to land onsite			
5.5.1.A	RCRA Subtitle C landfills	<input type="checkbox"/>	32700	O
5.5.1.B	Other landfills	<input type="checkbox"/>	1570000	O
5.5.2	Land treatment/application farming	<input checked="" type="checkbox"/>		
5.5.3.A	RCRA Subtitle C Surface Impoundments	<input type="checkbox"/>	0	O
5.5.3.B	Other surface impoundments	<input type="checkbox"/>	0.1	M
5.5.4	Other disposal	<input type="checkbox"/>	7084	C
SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS				
6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)				
6.1.A Total Quantity Transferred to POTWs and Basis of Estimate				
6.1.A.1. Total Transfers (pounds/year*) (enter range code** or estimate)		6.1.A.2 Basis of Estimate (enter code)		
0		O		
6.1.B. 1	POTW Name	CITY OF RICHLAND WASTEWATER TREATMENT FACILITY		
	POTW Address	555 LACY ROAD		
City	RICHLAND	State	WA County BENTON Zip 99352	
6.1.B.	POTW Name			
	POTW Address			
City		State	County Zip	
If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages in this box <input type="checkbox"/> and indicate the Part II, Section 6.1 page number in this box <input type="checkbox"/> (example: 1,2,3, etc.)				
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS				
6.2. 1	Off-Site EPA Identification Number (RCRA ID No.)	ARD040732943		
	Off-Site Location Name	TERIS LLC FORMERLY ENSCO, INCORPORATED		
	Off-site Address	309 AMERICAN CIRCLE		
City	EL DORADO	State	AR County UNION Zip 717306555 Country (Non-US)	
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				

EPA FORM 9350-1 (Rev. 1/2006)
PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number:
 EPA ID# (SD) (T) (POB) (X)
 Toxic Chemical, Category, or Generic Name:
 Lead:

SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)

A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 53	1. O	1. M99
2. NA	2.	2.
3.	3.	3.
4.	4.	4.

6.2.2 Off-Site EPA Identification Number (RCRA ID No.) CAD056233966

Off-Site location Name QUEMETCO CITY OF INDUSTRY

Off-site Address 720 SOUTH SEVENTH AVENUE

City	CITY OF INDUSTRY	State	CA	County	LOS ANGELES	Zip	91746	Country (Non-US)	
------	------------------	-------	----	--------	-------------	-----	-------	---------------------	--

Is location under control of reporting facility or parent company? Yes No

A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 34000	1. O	1. M24
2. NA	2.	2.
3.	3.	3.
4.	4.	4.

SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY

Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.

a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.1a W	7A.1b 1 H123 2 H075	7A.1d E3
	3 H121 4 H083 5 H129	
	6 H082 7 H122 8 NA	
7A.2a W	7A.2b 1 H129 2 H077	7A.2d E5
	3 H123 4 H121 5 H082	
	6 H075 7 H101 8 NA	
7A.3a S	7A.3b 1 H111 2 NA	7A.3d E6
	3 4 5	
	6 7 8	
7A.4a	7A.4b 1 2	7A.4d
	3 4 5	
	6 7 8	
7A.5a	7A.5b 1 2	7A.5d
	3 4 5	
	6 7 8	

If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box 8 and indicate the Part II, Section 6.2/7A page number in this box: 1 (example: 1,2,3, etc.)

EPA Form 9350-1 (Rev. 1/2006) - Previous editions are obsolete.

* For Dioxin or Dioxin-like compounds, report in grams/year
 ** Range Codes: A= 1- 10 pounds; B= 11- 499 pounds; C= 500 - 999 pounds.

EPA FORM R PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number
		69452SDPITPOBCX
		Toxic Chemical, Category, or Generic Name
		Lead
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)		
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
6.2.3 Off-Site EPA Identification Number (RCRA ID No.)		ORD960975692
Off-Site location Name OIL REREFINING COMPANY INC		
Off-site Address 4150 NORTH SUTTLE ROAD		
City	State	County
PORTLAND	OR	Multnomah
Zip		Country (Non-US)
97217		
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 0	1. 0	1. M99
2. NA	2.	2.
3.	3.	3.
4.	4.	4.
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY		
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.		
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.6a	7A.6b	7A.6d
	1	2
	3	4
	6	7
7A.7a	7A.7b	7A.7d
	1	2
	3	4
	6	7
7A.8a	7A.8b	7A.8d
	1	2
	3	4
	6	7
7A.9a	7A.9b	7A.9d
	1	2
	3	4
	6	7
7A.10a	7A.10b	7A.10d
	1	2
	3	4
	6	7
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box: <input type="text" value="2"/> (example: 1,2,3, etc.)		

EPA FORM R		TRI Facility ID Number
FART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		99523D PHT PO BOX
		Toxic Chemical, Category, or Generic Name
		Lead
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)		
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.	1.	1.
2.	2.	2.
3.	3.	3.
4.	4.	4.
6.2.4 Off-Site EPA Identification Number (RCRA ID No.)		UTD981552177
Off-Site location Name: CLEAN HARBORS ARAGONITE LLC		
Off-site Address: 11600 NORTH APTUS ROAD		
City: GRANTSVILLE	State: UT	County: Tooele
Zip: 84029	Country (Non-US):	
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 0.1	1. O	1. M99
2. 650	2. O	2. M94
3. 0	3. O	3. M41
4. NA	4.	4.
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY		
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.		
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))	d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.11a	7A.11b	7A.11d
	1	
	2	
	3	
	4	
	5	
	6	
	7	
7A.12a	7A.12b	7A.12d
	1	
	2	
	3	
	4	
	5	
	6	
	7	
7A.13a	7A.13b	7A.13d
	1	
	2	
	3	
	4	
	5	
	6	
	7	
7A.14a	7A.14b	7A.14d
	1	
	2	
	3	
	4	
	5	
	6	
	7	
7A.15a	7A.15b	7A.15d
	1	
	2	
	3	
	4	
	5	
	6	
	7	
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box:		8
		3 (example: 1,2,3, etc.)

EPA FORM 113 PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number 924523DPI/T POB/CX	
		Toxic Chemical, Category, or Generic Name Lead	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)			
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1.	1.	1.	
2.	2.	2.	
3.	3.	3.	
4.	4.	4.	
6.2.5 Off-Site EPA Identification Number (RCRA ID No.)		WAR000010355	
Off-Site location Name		PACIFIC ECOSOLUTIONS LLC	
Off-site Address		2025 BATTELLE BOULEVARD	
City	State	County	Zip
RICHLAND	WA	Benton	99353
Country (Non-US)			
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1. 12.4	1. O	1. M99	
2. 8317.9	2. O	2. M94	
3. 5895.6	3. O	3. M41	
4. NA	4.	4.	
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY			
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.			
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))		d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.16a	7A.16b	1	7A.16d
	3	4	
	6	7	
7A.17a	7A.17b	1	7A.17d
	3	4	
	6	7	
7A.18a	7A.18b	1	7A.18d
	3	4	
	6	7	
7A.19a	7A.19b	1	7A.19d
	3	4	
	6	7	
7A.20a	7A.20b	1	7A.20d
	3	4	
	6	7	
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box:			8
			4 (example: 1,2,3, etc.)

EPA FORM R PART II: CHEMICAL SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number 09-528DPT-POB(X)		Toxic Chemical, Category, or Generic Name Lead	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)					
A. Total Transfers (pounds/year*) (enter range code** of estimate)		B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1.		1.		1.	
2.		2.		2.	
3.		3.		3.	
4.		4.		4.	
6.2. 6 Off-Site EPA Identification Number (RCRA ID No.)				TNR00005397	
Off-Site location Name		PERMA FIX MATERIALS AND ENERGY CORP.			
Off-site Address		2010 HWY 58 SUITE 120 BLDG K1005			
City	OAK RIDGE	State	TN	County	Roane
Zip	37830	Country (Non-US)			
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A. Total Transfers (pounds/year*) (enter range code** of estimate)		B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1. 0.3		1. 0		1. M99	
2. NA		2.		2.	
3.		3.		3.	
4.		4.		4.	
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY					
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.					
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))				d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.21a	7A.21b	1	2	7A.21d	
	3	4	5		
	6	7	8		
7A.22a	7A.22b	1	2	7A.22d	
	3	4	5		
	6	7	8		
7A.23a	7A.23b	1	2	7A.23d	
	3	4	5		
	6	7	8		
7A.24a	7A.24b	1	2	7A.24d	
	3	4	5		
	6	7	8		
7A.25a	7A.25b	1	2	7A.25d	
	3	4	5		
	6	7	8		
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box					8
and indicate the Part II, Section 6.2/7A page number in this box:					5 (example: 1,2,3, etc.)

EPA FORM 1 PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number 604528DFPTPOB(X)	Toxic Chemical, Category, or Generic Name Lead	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)				
A. Total Transfers (pounds/year*) (enter range code** or estimate)		B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1.		1.		1.
2.		2.		2.
3.		3.		3.
4.		4.		4.
6.2. 7 Off-Site EPA Identification Number (RCRA ID No.)			AZD982441263	
Off-Site location Name		WESTATES CARBON ARIZONA INC		
Off-site Address		2523 MUTAHAR STREET		
City	PARKER	State	AZ	County
				La Paz
Zip	85344	Country (Non-US)		
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No				
A. Total Transfers (pounds/year*) (enter range code** or estimate)		B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)
1. 0.1		1. O		1. M99
2. NA		2.		2.
3.		3.		3.
4.		4.		4.
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY				
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.				
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))			d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.26a	7A.26b	1	2	7A.26d
	3	4	5	
	6	7	8	
7A.27a	7A.27b	1	2	7A.27d
	3	4	5	
	6	7	8	
7A.28a	7A.28b	1	2	7A.28d
	3	4	5	
	6	7	8	
7A.29a	7A.29b	1	2	7A.29d
	3	4	5	
	6	7	8	
7A.30a	7A.30b	1	2	7A.30d
	3	4	5	
	6	7	8	
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box:				8

EPA FORM R PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number E9-523D-PE-TP0BC-X		Toxic Chemical, Category, or Generic Name Lead	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)					
A. Total Transfers (pounds/year*) (enter range code** or estimate)		B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1.		1.		1.	
2.		2.		2.	
3.		3.		3.	
4.		4.		4.	
6.2. 3 Off-Site EPA Identification Number (RCRA ID No.)				NM4890139088	
Off-Site location Name		WESTINGHOUSE TRU SOLUTIONS LLC FOR US DOE			
Off-site Address		30 MILE E OF CARLSBAD ON JAL HIGHWAY			
City	CARLSBAD	State	NM	County	Eddy
Zip	88221	Country (Non-US)			
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No					
A. Total Transfers (pounds/year*) (enter range code** or estimate)		B. Basis of Estimate (enter code)		C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1. 10.9		1. O		1. M99	
2. 4594.4		2. O		2. M79	
3. 5.6		3. O		3. M41	
4. NA		4.		4.	
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY					
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.					
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]				d. Waste Treatment Efficiency Estimate [enter 2 character code]
7A.31a	7A.31b	1	2	7A.31d	
	3	4	5		
	6	7	8		
7A.32a	7A.32b	1	2	7A.32d	
	3	4	5		
	6	7	8		
7A.33a	7A.33b	1	2	7A.33d	
	3	4	5		
	6	7	8		
7A.34a	7A.34b	1	2	7A.34d	
	3	4	5		
	6	7	8		
7A.35a	7A.35b	1	2	7A.35d	
	3	4	5		
	6	7	8		
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box: <input type="text" value="7"/> (example: 1,2,3, etc.) <input type="text" value="8"/>					

EPA FORM R		TRI Facility ID Number	
PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		93-523D-PT-POB-X	
		Toxic Chemical, Category, or Generic Name	
		Lead	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)			
A. Total Transfers (pounds/year*) (enter range code** or estimate)		B. Basis of Estimate (enter code)	
1.		1.	
2.		2.	
3.		3.	
4.		4.	
6.2. 9 Off-Site EPA Identification Number (RCRA ID No.)		TND982109142	
Off-site location Name		DIVERSIFIED SCIENCES AND SERVICES INC	
Off-site Address		657 GALLAHER	
City	KINGSTON	State	TN
County	Roane	Zip	37763
Country (Non-US)			
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
A. Total Transfers (pounds/year*) (enter range code** or estimate)		B. Basis of Estimate (enter code)	
1. 0		1. 0	
2. NA		2.	
3.		3.	
4.		4.	
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY			
<input type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.			
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence [enter 3-character code(s)]		
7A.36a	7A.36b	1	2
	3	4	5
	6	7	8
7A.37a	7A.37b	1	2
	3	4	5
	6	7	8
7A.38a	7A.38b	1	2
	3	4	5
	6	7	8
7A.39a	7A.39b	1	2
	3	4	5
	6	7	8
7A.40a	7A.40b	1	2
	3	4	5
	6	7	8
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box: <input type="text" value="8"/> (example: 1,2,3, etc.)			

EPA FORM 9350-1 PART III. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number			
		9902SEPR77-080X			
		Toxic Chemical, Category, or Generic Name			
		Lead			
SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES					
<input checked="" type="checkbox"/> Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.					
Energy Recovery Methods [enter 3-character code(s)]					
1		2			
SECTION 7C. ON-SITE RECYCLING PROCESSES					
<input checked="" type="checkbox"/> Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.					
Recycling Methods [enter 3-character code(s)]					
1		2			
SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES					
		Column A Prior Year (pounds/year*)	Column B Current Reporting Year (pounds/year*)	Column C Following Year (pounds/year*)	Column D Second Following Year (pounds/year*)
8.1					
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	82600	32700	50000	59000
8.1b	Total other on-site disposal or other releases	9592.4	7084.1	10000	10000
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	3636.4	19549.8	25000	30000
8.2	Quantity used for energy recovery onsite	NA	NA	NA	NA
8.3	Quantity used for energy recovery offsite	NA	NA	NA	NA
8.4	Quantity recycled onsite	0	NA	0	0
8.5	Quantity recycled offsite	43052.2	34000	40000	40000
8.6	Quantity treated onsite	NA	NA	NA	NA
8.7	Quantity treated offsite	NA	NA	NA	NA
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)			1570000	
8.9	Production ratio or activity index			2.10	
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities [enter code(s)]	Methods to Identify Activity (enter codes)			
8.10.1	NA	a.	b.	c.	
8.10.2		a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	If you wish to submit additional optional information on source reduction, recycling, or pollution control activities with this report, check "Yes."			Yes <input checked="" type="checkbox"/>	

EPA Form 9350-1 (Rev. 1/2005) - Previous editions are obsolete.

*For Dioxin or Dioxin-like compounds, report in grams/year

TRI Facility ID Number
99352SDPPT-POBOX
Toxic Chemical Category or Generic Name
Lead

Do Not Submit to E

SECTION 8.11. Submit additional optional information on source reduction, recycling, or pollution control activities.

Disposal of 32,700 pounds of lead in LDR-compliant waste in RCRA trenches 31 and 34 (reported in Section 8.1a), disposal of 1,570,000 pounds of lead in LDR-compliant remediation waste in the CERCLA ERDF trench (reported in Section 8.8), transfer of 19,549.8 pounds to offsite TSD facilities for treatment and/or disposal (reported in Section 8.1d), and 34,000 pounds of lead sent offsite for reclamation (reported in Section 8.5), all seem to be huge quantities of lead released to the environment. However, all of this lead was properly disposed of in permitted facilities that were in full compliance with LDR requirements for lead.

The only significant release of lead to the environment that was not into a permitted facility was the 7084 pounds of lead from ammunition fired at the Hanford Patrol firing range (reported in Section 8.1b).

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Form Approved OMB Number: 2070-0093

Approval Expires: 1/31/2008

Page 1 of 5

(IMPORTANT: Type or print, read instructions before completing form)

 EPA United States Environmental Protection Agency		FORM R Section 313 of the Emergency Planning and Community Right-to-Know Act of 1986, also known as Title III of the Superfund Amendments and Reauthorization Act		TRI Facility ID Number 99352SDPRTPBOBOX													
WHERE TO SEND COMPLETED FORMS: 1. TRI Data Processing Center P.O. Box 1513 Lanham, MD 20703-1513		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)		Enter 'X' here if this is a revision													
				For EPA use only													
Important: See instructions to determine when "Not Applicable (NA)" boxes should be checked.																	
PART I. FACILITY IDENTIFICATION INFORMATION																	
SECTION 1. REPORTING YEAR <u>2006</u>																	
SECTION 2. TRADE SECRET INFORMATION																	
2.1	Are you claiming the toxic chemical identified on page 2 trade secret? <input type="checkbox"/> Yes (Answer question 2.2; Attach substantiation forms)		<input checked="" type="checkbox"/> NO (Do not answer 2.2; Go to Section 3)	2.2	Is this copy <input type="checkbox"/> Sanitized <input type="checkbox"/> Unsanitized (Answer only if "YES" in 2.1)												
SECTION 3. CERTIFICATION (Important: Read and sign after completing all form sections.)																	
I hereby certify that I have reviewed the attached documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.																	
Name and official title of owner/operator or senior management official:				Signature:													
OFFICIAL SUBMITTAL CERTIFIED BY KEITH A. KLEIN, MANAGER DOE RICHLAND OPERATI				06/30/2006													
SECTION 4. FACILITY IDENTIFICATION																	
4.1	Facility or Establishment Name U.S. DOE HANFORD SITE		TRI Facility ID Number 99352SDPRTPBOBOX														
Street 825 JADWIN AVENUE		Facility or Establishment Name or Mailing Address (if different from street address) U.S. DOE HANFORD SITE															
City/County/State/Zip Code RICHLAND BENTON WA 99352		Mailing Address POST OFFICE BOX 550		City/State/Zip Code RICHLAND WA 99352-0550													
				Country (Non-US)													
4.2	This report contains information for: (Important: check a or b; check c or d if applicable)																
		a. <input checked="" type="checkbox"/> An entire facility	b. <input type="checkbox"/> Part of a facility	c. <input checked="" type="checkbox"/> A Federal facility	d. <input type="checkbox"/> GOCO												
4.3	Technical Contact Name	JOEL B. HEBDON		Telephone Number (include area code) (509) 372-3468													
	Email Address	Joel_B_Hebdon@rl.gov															
4.4	Public Contact Name	JOEL B. HEBDON		Telephone Number (include area code) (509) 372-3468													
4.5	SIC Code (s) (4 digits)	<table border="1"> <tr> <th colspan="6">Primary</th> </tr> <tr> <td>a. 9999</td> <td>b. 9511</td> <td>c.</td> <td>d.</td> <td>e.</td> <td>f.</td> </tr> </table>				Primary						a. 9999	b. 9511	c.	d.	e.	f.
Primary																	
a. 9999	b. 9511	c.	d.	e.	f.												
4.7	Dun & Bradstreet Number(s) (9 digits)	a. NA b.															
SECTION 5. PARENT COMPANY INFORMATION																	
5.1	Name of Parent Company	NA <input type="checkbox"/>	U.S. Department of Energy														
5.2	Parent Company's Dun & Bradstreet Number	NA <input checked="" type="checkbox"/>															

EPA Form 9350-1 (Rev. 1/2006) - Previous editions are obsolete.

Printed using TRI-ME RY2005 6.1.8

6/8/2006 02:41 AM

<p style="text-align: center;">EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION</p>		TRI Facility ID Number	9350 SUPPLY BOX															
		Toxic Chemical, Category or Generic Name			Propylene													
SECTION 1. TOXIC CHEMICAL IDENTITY (Important: DO NOT complete this section if you completed Section 2 below.)																		
1.1	CAS Number (Important: Enter only one number exactly as it appears on the Section 313 list. Enter category code if reporting a chemical category.)																	
	115-07-1																	
1.2	Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)																	
	Propylene																	
1.3	Generic Chemical Name (Important: Complete only if Part 1, Section 2.1 is checked "Yes". Generic Name must be structurally descriptive.)																	
	NA																	
1.4	Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category. (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speculation data available, indicate NA.)																	
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	
	NA																	
SECTION 2. MIXTURE COMPONENT IDENTITY (Important: DO NOT complete this section if you completed Section 1 above.)																		
2.1	Generic Chemical Name Provided by Supplier (Important: Maximum of 70 characters, including numbers, letters, spaces, and punctuation.)																	
	NA																	
SECTION 3. ACTIVITIES AND USES OF THE TOXIC CHEMICAL AT THE FACILITY (Important: Check all that apply.)																		
3.1	Manufacture the toxic chemical:		3.2	Process the toxic chemical:		3.3	Otherwise use the toxic chemical:											
	a. <input type="checkbox"/> Produce b. <input type="checkbox"/> Import If produce or import: c. <input type="checkbox"/> For on-site use/processing d. <input type="checkbox"/> For sale/distribution e. <input type="checkbox"/> As a byproduct f. <input type="checkbox"/> As an impurity			a. <input type="checkbox"/> As a reactant b. <input type="checkbox"/> As a formulation component c. <input type="checkbox"/> As an article component d. <input type="checkbox"/> Repackaging e. <input type="checkbox"/> As an impurity			a. <input type="checkbox"/> As a chemical processing aid b. <input type="checkbox"/> As a manufacturing aid c. <input checked="" type="checkbox"/> Ancillary or other use											
SECTION 4. MAXIMUM AMOUNT OF THE TOXIC CHEMICAL ONSITE AT ANY TIME DURING THE CALENDAR YEAR																		
4.1	03		(Enter two-digit code from instruction package.)															
SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE																		
			A. Total Release (pounds/year*) (Enter range code or estimate**)	B. Basis of Estimate (enter code)	C. % From Stormwater													
5.1	Fugitive or non-point air emissions	NA	60	E														
5.2	Stack or point air emissions	NA	0	O														
5.3	Discharges to receiving streams or water bodies (enter one name per box)																	
	Stream or Water Body Name																	
5.3.1	NA																	
5.3.2																		
5.3.3																		
If additional pages of Part II, Section 5.3 are attached, indicate the total number of pages in this box and indicate the Part II, Section 5.3 page number in this box.																		

EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number		
		690523D PFT OBCX		
		Toxic Chemical, Category, or Generic Name		
		Propylene		
SECTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued)				
		NA	A. Total Release (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)
5.4.1	Underground Injection onsite to Class I Wells	<input checked="" type="checkbox"/>		
5.4.2	Underground Injection onsite to Class II-V Wells	<input checked="" type="checkbox"/>		
5.5	Disposal to land onsite			
5.5.1.A	RCRA Subtitle C landfills	<input checked="" type="checkbox"/>		
5.5.1.B	Other landfills	<input checked="" type="checkbox"/>		
5.5.2	Land treatment/application farming	<input checked="" type="checkbox"/>		
5.5.3.A	RCRA Subtitle C Surface Impoundments	<input checked="" type="checkbox"/>		
5.5.3.B	Other surface impoundments	<input checked="" type="checkbox"/>		
5.5.4	Other disposal	<input checked="" type="checkbox"/>		
SECTION 6. TRANSFERS OF THE TOXIC CHEMICAL IN WASTES TO OFF-SITE LOCATIONS				
6.1 DISCHARGES TO PUBLICLY OWNED TREATMENT WORKS (POTWs)				
6.1.A Total Quantity Transferred to POTWs and Basis of Estimate				
6.1.A.1. Total Transfers (pounds/year*) (enter range code** or estimate)			6.1.A.2 Basis of Estimate (enter code)	
NA				
6.1.B.1		POTW Name	NA	
		POTW Address		
City		State	County	Zip
6.1.B.		POTW Name		
		POTW Address		
City		State	County	Zip
If additional pages of Part II, Section 6.1 are attached, indicate the total number of pages in this box <input type="text"/> and indicate the Part II, Section 6.1 page number in this box <input type="text"/> (example: 1,2,3, etc.)				
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS				
6.2.1 Off-Site EPA Identification Number (RCRA ID No.)			NA	
Off-Site Location Name		NA		
Off-site Address				
City		State	County	Zip
Country (Non-US)				
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input type="checkbox"/> No				

EPA FORM 9350-1 (Rev. 1/2006) PART II. CHEMICAL SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number 63523DPLTPOB0X	
		Toxic Chemical Category, or Generic Name Propylene	
SECTION 6.2 TRANSFERS TO OTHER OFF-SITE LOCATIONS (Continued)			
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1.	1.	1.	
2.	2.	2.	
3.	3.	3.	
4.	4.	4.	
6.2. Off-Site EPA Identification Number (RCRA ID No.)			
Off-Site location Name			
Off-site Address			
City	State	County	Country (Non-US)
Is location under control of reporting facility or parent company? <input type="checkbox"/> Yes <input type="checkbox"/> No			
A. Total Transfers (pounds/year*) (enter range code** or estimate)	B. Basis of Estimate (enter code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)	
1.	1.	1.	
2.	2.	2.	
3.	3.	3.	
4.	4.	4.	
SECTION 7A. ONSITE WASTE TREATMENT METHODS AND EFFICIENCY			
<input checked="" type="checkbox"/> Not Applicable (NA) - Check here if no on-site waste treatment is applied to any waste stream containing the toxic chemical or chemical category.			
a. General Waste Stream (enter code)	b. Waste Treatment Method(s) Sequence (enter 3-character code(s))		d. Waste Treatment Efficiency Estimate (enter 2 character code)
7A.1a	7A.1b	1	7A.1d
	3	4	
	6	7	
7A.2a	7A.2b	1	7A.2d
	3	4	
	6	7	
7A.3a	7A.3b	1	7A.3d
	3	4	
	6	7	
7A.4a	7A.4b	1	7A.4d
	3	4	
	6	7	
7A.5a	7A.5b	1	7A.5d
	3	4	
	6	7	
If additional pages of Part II, Section 6.2/7A are attached, indicate the total number of pages in this box and indicate the Part II, Section 6.2/7A page number in this box: <input type="text"/> (example: 1,2,3, etc.)			

EPA Form 9350-1 (Rev. 1/2006) - Previous editions are obsolete.

* For Dioxin or Dioxin-like compounds, report in grams/year
 ** Range Codes: A= 1- 10 pounds; B= 11- 499 pounds; C= 500 - 999 pounds.

EPA FORM 360 PART III. CHEMICAL-SPECIFIC INFORMATION (CONTINUED)		TRI Facility ID Number			
		Toxic Chemical, Category, or Chemical Name			
		Propylene			
SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES					
<input checked="" type="checkbox"/> Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.					
Energy Recovery Methods (enter 3-character code(s))					
1		2		3	
SECTION 7C. ON-SITE RECYCLING PROCESSES					
<input checked="" type="checkbox"/> Not Applicable (NA) - Check here if no on-site recycling is applied to any waste stream containing the toxic chemical or chemical category.					
Recycling Methods (enter 3-character code(s))					
1		2		3	
SECTION 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES					
		Column A Prior Year (pounds/year ¹)	Column B Current Reporting Year (pounds/year ¹)	Column C Following Year (pounds/year ¹)	Column D Second Following Year (pounds/year ¹)
8.1					
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1b	Total other on-site disposal or other releases	80	60	100	120
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA	NA	NA	NA
8.1d	Total other off-site disposal or other releases	NA	NA	NA	NA
8.2	Quantity used for energy recovery onsite	0	NA	0	0
8.3	Quantity used for energy recovery offsite	0	NA	0	0
8.4	Quantity recycled onsite	0	NA	0	0
8.5	Quantity recycled offsite	0	NA	0	0
8.6	Quantity treated onsite	0	NA	0	0
8.7	Quantity treated offsite	0	NA	0	0
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production processes (pounds/year)			0	
8.9	Production ratio or activity index			0.71	
8.10	Did your facility engage in any source reduction activities for this chemical during the reporting year? If not, enter "NA" in Section 8.10.1 and answer Section 8.11.				
	Source Reduction Activities (enter code(s))	Methods to Identify Activity (enter codes)			
8.10.1	NA	a.	b.	c.	
8.10.2		a.	b.	c.	
8.10.3		a.	b.	c.	
8.10.4		a.	b.	c.	
8.11	If you wish to submit additional optional information on source reduction, recycling, or pollution control activities with this report, check "Yes."				Yes <input type="checkbox"/>

TRI Facility ID Number
99352SDPP1 P8BOX
Toxic Chemical Category or Generic Name
Propylene

Do Not Submit to E

SECTION 8.11. Submit additional optional information on source reduction, recycling, or pollution control activities.

DISTRIBUTION

Required Offsite Recipients:

U.S. Environmental Protection Agency

TRI Data Processing Center
c/o Computer Sciences Corporation
Suite 150
8400 Corporate Drive
Landover, MD 20785-2294

State of Washington Department of Ecology

Hazardous Waste/Toxics Reduction Program
Post Office Box 47659
Olympia, WA 98504-7659
Ms. Idell Hansen

Other Offsite Recipients:

Department of Energy

Office of Pollution Prevention and Resource Conservation, EH-43
1000 Independence Avenue SW
Washington, DC 20595
Ms. Jane Powers

Required Onsite Recipients:

DOE Reading Room	H2-53
DPC	H6-08
EDMC (2)	H6-08
Hanford Technical Library	P8-55
<u>U.S. Department of Energy, Richland Operations Office</u>	
J. B. Hebdon	A5-15
M. F. Jarvis	A5-15
<u>AdvanceMed Hanford</u>	
S. M. McInturff	H1-51
<u>ATLII</u>	
C. R. Neff	T6-52
<u>Bechtel National, Inc.</u>	
B. L. Curn	H4-20
J. P. Henschel	H4-20
J. S. Hill	H4-20
<u>CH2M HILL Hanford Group, Inc.</u>	
P. C. Miller	R1-51
<u>Pacific Northwest National Laboratory</u>	
A. K. Ikenberry	J2-25
<u>Washington Closure Hanford, LLC</u>	
L. A. D'amato	H9-01
R. J. Landon	H9-03
<u>Fluor Hanford, Inc.</u>	
L. P. Diediker	H8-13
L. L. Fritz	H8-12
R. E. Johnson	H8-13
J. O. Skolrud	H8-13

FH-0601342

ATTACHMENT 2

Transmittal letters and certification page for K. A. Klein

Consisting of 4 pages, including cover page

[if sending by U.S. Postal Service]
TRI Data Processing Center
Post Office Box 1513
Lanham, MD 20703-1513

[if sending by Federal Express, UPS Mail, or Certified Mail]
Attn: TRI Magnetic Media Submission
TRI Data Processing Center
c/o Computer Sciences Corporation
Suite 150
8400 Corporate Drive
Landover, MD 20785

To Whom It May Concern:

Enclosed, please find a magnetic diskette containing one Form R for the chemical lead, Chemical Abstract Services (CAS) Number 7439-92-1, and one Form R for the chemical propylene, CAS Number 115-07-1, for Reporting Year 2005. Also enclosed is a statement certifying the accuracy of the information contained in the submittal. The diskette has been prepared using the Toxics Release Inventory Made Easy software, version RY2005 6.1.8, provided by the U.S. Environmental Protection Agency Office of Environmental Information. Should you have any technical questions or problems processing the diskette, please contact Joel B. Hebdon, of my staff, at (509) 372-3468.

Sincerely,

Keith A. Klein
Manager

Enclosures

cc w/o encl:
N. Ceto, EPA
L. L. Fritz, FH
S. Harris, CTUIR
J. P. Henschel, BNI
J. Hwang, ATLIH
A. K. Ikenberry, PNNL
R. Jim, YN
P. C. Miller, CH2M HILL
R. J. Landon, WCH
S. M. McInturff, AMH
L. Seelatsee, Wanapum
G. Bohnee, NPT
Environmental Portal, A3-95

[if sending by U.S. Postal Service]
Ms. Idell Hansen
EPCRA TRI Coordinator
State of Washington, Department of Ecology
Post Office Box 47659
Olympia, WA 98504-7659

[if sending by Federal Express, UPS Mail, or Certified Mail]
Ms. Idell Hansen
EPCRA TRI coordinator
State of Washington, Department of Ecology
300 Desmond Drive
Lacey, WA 98503

Dear Ms. Hansen:

EMERGENCY PLANNING AND COMMUNITY RIGHT-TO-KNOW ACT, SECTION 313,
DOE/RL-2006-38, *2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY*,
TOXICS RELEASE FACILITY IDENTIFICATION NUMBER 99352SDPRTPOBOX

Enclosed, please find a magnetic diskette containing one Form R for the chemical lead, Chemical Abstract Services (CAS) Number 7439-92-1, and one Form R for the chemical propylene, CAS Number 115-07-1, for Reporting Year 2005. Also enclosed is a statement certifying the accuracy of the information contained in the submittal. The diskette has been prepared using the Toxics Release Inventory Made Easy software, version RY2005 6.1.8, provided by the U.S. Environmental Protection Agency Office of Environmental Protection. Should you have any technical questions or problems processing the diskette, please contact Joel B. Hebdon, of my staff, at (509) 372-3468.

Sincerely,

Keith A. Klein
Manager

Enclosures

cc w/o encl:
N. Ceto, EPA
L. L. Fritz, FH
S. Harris, CTUIR
J. P. Henschel, BNI
J. Hwang, ATLI
A. K. Ikenberry, PNNL
R. Jim, YN
P. C. Miller, CH2M HILL
R. J. Landon, WCH
S. M. McInturff, AMH
L. Seelatsee, Wanapum
G. Bohnee, NPT
Environmental Portal, A3-95

**2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY
REPORT CERTIFICATION**

I hereby certify that I have reviewed the enclosed documents and that, to the best of my knowledge and belief, the submitted information is true and complete and that the amounts and values in this report are accurate based on reasonable estimates using data available to the preparers of this report.

Keith A. Klein, Manager
U.S. Department of Energy
Richland Operations Office

Date

FH-0601342

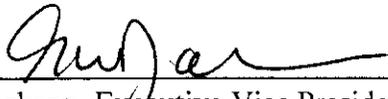
ATTACHMENT 3

Contractor Certification of
DOE/RL-2006-38
2005 Hanford Site Toxic Chemical Release Inventory

Consisting of 14 pages, including cover page

**CONTRACTOR CERTIFICATION OF
DOE/RL-2006-38
2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY**

I certify that the DOE/RL-2006-38, 2005 Hanford Site Toxic Chemical Release Inventory, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.



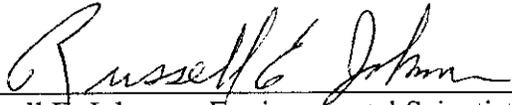
George W. Jackson, Executive Vice President
and Chief Operating Officer
Fluor Hanford, Inc.

6/14/06

Date

**CONTRACTOR CERTIFICATION OF
DOE/RL-2006-38
2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY**

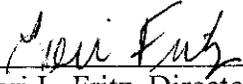
I certify that the DOE/RL-2006-38, 2005 Hanford Site Toxic Chemical Release Inventory, was prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.



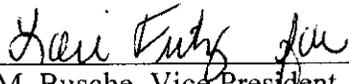
Russell E. Johnson, Environmental Scientist
Monitoring and Reporting
Fluor Hanford, Inc. 6/6/06
Date



Larry P. Diediker, Manager
Monitoring and Reporting
Fluor Hanford, Inc. 6-9-06
Date



Lori L. Fritz, Director
Environmental Protection
Fluor Hanford, Inc. 6-13-06
Date



Donna M. Busche, Vice President
Regulatory Compliance
Fluor Hanford, Inc. 6-14-06
Date

**CONTRACTOR CERTIFICATION OF
DOE/RL-2006-38
2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY**

I certify that I have personally examined and am familiar with the information submitted by Advanced Technologies and Laboratories International, Inc. to support preparation of DOE/RL-2006-38, *2005 Hanford Site Toxic Chemical Release Inventory*. Based on my inquiry of the individuals responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

J. Hwang FOR

6/7/06

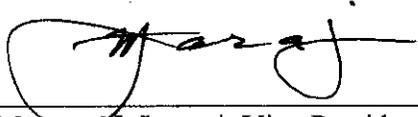
J. Hwang, Project Manager

Date

Advanced Technologies and Laboratories International, Inc.

**CONTRACTOR CERTIFICATION OF
DOE/RL-2006-38
2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY**

I certify that I have personally examined and am familiar with the information submitted by CH2M HILL Hanford Group, Inc. to support preparation of DOE/RL-2006-38, *2005 Hanford Site Toxic Chemical Release Inventory*. Based on my inquiry of the individuals responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.



6/7/06

Moussa N. Jaraysi, Vice President
Environmental Programs
CH2M HILL Hanford Group, Inc.

Date

**CONTRACTOR CERTIFICATION OF
DOE/RL-2006-38
2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY**

I certify that I have personally examined and am familiar with the information submitted by Pacific Northwest National Laboratory to support preparation of DOE/RL-2006-38, *2005 Hanford Site Toxic Chemical Release Inventory*. Based on my inquiry of the individuals responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.

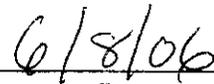
 PAUL J. CRANE
FOR AKZ

Alice K. Ikenberry, Manager
Environmental Management Services
Pacific Northwest National Laboratory

6/9/06
Date

**CONTRACTOR CERTIFICATION OF
DOE/RL-2006-38
2005 HANFORD SITE TOXIC CHEMICAL RELEASE INVENTORY**

I certify that I am familiar with the information submitted by Washington Closure Hanford to support preparation of DOE/RL-2006-38, *2005 Hanford Site Toxic Chemical Release Inventory*. Consistent with the Transition Agreements between WCH, BHI, and FH, and based on the threshold quantity analysis prepared by FH and my inquiry of the individuals responsible for the information, the information is, to the best of my knowledge and belief, true, accurate, and complete.



P. L. Pettiette, President & Project Manager
Washington Closure Hanford

Date



U.S. Department of Energy
Office of River Protection
Mr. R. J. Schepens
Manager
P.O. Box 450, MSIN H6-60
Richland, Washington 99352

CCN: 137509

MAY 31 2006

Dear Mr. Schepens:

**CONTRACT NO. DE-AC27-01RV14136 – REVISED CALENDAR YEAR 2005 HANFORD
SITE TOXIC RELEASE INVENTORY REPORT**

- References: 1) CCN 137250, Letter, from, J. P. Henschel, BNI, to R. J. Schepens, ORP, "Calendar Year 2005 Hanford Site Toxic Release Inventory Report," dated May 11, 2006.
- 2) CCN 116507, Letter, from, R. J. Schepens, ORP, to J. P. Henschel, BNI, "Multi-Contractor Support for Environmental Documents," 05-ED-018, dated March 17, 2005.

Standard 7 of the subject contract requires the Hanford Tank Waste Treatment and Immobilization Plant (WTP) to submit information required by State and Federal environmental regulations, permits, and enforceable agreements. The Emergency Planning and Community Right to Know Act of 1986, Section 313, requires that facilities report releases of certain toxic chemicals that exceed manufacturing, processing, or use thresholds.

The Attachment provides the WTP toxic chemical use estimate for calendar year 2005. The information contained in this report has been revised (Reference 1) to be consistent with comments made by Fluor Hanford, Inc. (FHI) during preparation of the sitewide toxic release inventory report. By copy of this letter, WTP is also informing FHI of this information as instructed in Reference 2.

The following certification statement is provided consistent with Contract No. DE-AC27-01RV14136, Section H.26, Environmental Permits, paragraph (g):

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering the information, the information is, to the best of my knowledge and belief, true, accurate, and

complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violations.

If you have any questions or comments, please contact Mr. Lee Bostic at (509) 371-3127 or Mr. Philip Peistrup at (509) 371-3615.

Very truly yours,


J. P. Henschel
Project Director
for Henschel

BLC/es

Attachment - Revised Hanford Site Waste Treatment and Immobilization Plant Toxic Release Inventory Report Calendar Year 2005

cc:

Albert, C. M. w/o	WTP	MS14-3B
Bostic, O. L. w/a	WTP	MS4-D2
Brown, J. F. w/a	WTP	MS4-D2
Curn, B. L. w/a	WTP	MS4-D2
Diediker, L. P. w/a	FHI	H8-13
Elkins, W. S. w/o	WTP	MS14-3C
Eschenberg, J. R. w/a	ORP	H6-60
Ferguson, J. S. w/a	WTP	MS4-D2
Henschel, J. P. w/o	WTP	MS14-3C
Johnson, R. E. w/a	FHI	H8-40
Klein, D. A. w/o	WTP	MS4-E2
Lamm, L. T. w/o	WTP	MS4-A2
Neath, G. M. w/a	ORP	H6-60
Peistrup, P. E. w/o	WTP	MS4-D2
Rogers, C. E. w/a	WTP	MS14-3C
Short, J. J. w/a	ORP	H6-60
Sommer, D. w/a	ORP	H6-60
DOE Correspondence Control w/a	ORP	H6-60
PDC w/a	WTP	MS9-A

Attachment to CCN 137509

REVISED HANFORD SITE WASTE TREATMENT AND IMMOBILIZATION PLANT TOXIC
RELEASE INVENTORY REPORT CALENDAR YEAR 2005

Revised Hanford Site Waste Treatment and Immobilization Plant
Toxic Release Inventory Report
Calendar Year 2005

Activity	Products Containing Toxic Chemicals	Toxic Chemical	CAS Number	Usage (lbs)
Non-motor Vehicle Equipment Fuel	Gasoline ¹	Ethylbenzene	100-41-4	638
		N-Hexane	110-54-3	255
		1,2,4-Trimethylbenzene	95-63-6	319
		Toluene	108-88-3	1913
		Xylene	1330-20-7	1786
		Cyclohexane	110-82-7	306
		Methyl Tert Butyl Ether	1634-04-4	2041
		Benzene	71-43-2	638
		O-Xylene	95-47-6	548
		M-Xylene	108-38-3	1122
		P-Xylene	106-42-3	548
Non-motor Vehicle Equipment Fuel	No. 1 and 2 Diesel Fuel ²	Naphthalene	91-20-3	2668
Marking/Surveying	Marking Paints ³	Toluene	108-88-3	666
		Xylene	1330-20-7	1333
		N-Hexane	110-54-3	577
		Ethylbenzene	100-41-4	444
		1-Butanol	71-36-3	222
		1,2,4-Trimethylbenzene	95-63-6	89
		Lead	7439-92-1	0
		Arsenic	7440-38-2	0
		Cresol	1319-77-3	89
Spray Paints	Painting Coating ^{3,4}	Methyl Ethyl Ketone	78-93-3	25
		Xylene	1330-20-7	48
		Ethylbenzene	100-41-4	10
		Secondary Butyl Alcohol (2-Butanol)	78-92-2	21
		1-Butanol	71-36-3	4
		Ethylene Glycol	107-21-1	21
		1,2,4-Trimethylbenzene	95-63-6	10
		N-Hexane	110-54-3	31
		Methyl Isobutyl Ketone	108-10-1	71
		Toluene	108-88-3	80
		N-Dibutyl Phthalate	84-74-2	2
				Zinc Dust

Activity	Products Containing Toxic Chemicals	Toxic Chemical	CAS Number	Usage (lbs)
		Naphthalene	91-20-3	4
		Methyl Alcohol	67-56-1	2
Non-motor Vehicle Equipment Maintenance	Antifreeze/Coolant ^{3,4}	Ethylene Glycol	107-21-1	493
Non-motor Vehicle Equipment Maintenance	Lubricants ^{3,4}	N-Hexane	110-54-3	226
		Copper	7440-50-8	362
		Toluene	108-88-3	15
		Trichloroethylene	79-01-6	10
		1-(3-chloroallyl)-3,5,7-Triaza-1-Azonia Adamantane Chloride	4080-31-3	602
		Aluminum	7429-90-5	75
		Ethylene Glycol	107-21-1	483
		Nickel	7440-02-0	302
		1,1,1-Trichloroethane	71-55-6	574
		Sodium Nitrite	7632-00-0	75
		Xylene	1330-20-7	60
		Ethylbenzene	100-41-4	15
		Zinc Dust	7440-66-6	302
		Methyl Alcohol	67-56-1	59
Welding	Welding rods ^{3,4}	Copper	7440-50-8	2109
		Nickel	7440-02-0	3585
		Chromium	7440-47-3	3164
		Manganese and/or Manganese Alloys and Compounds (as Mn)*****	7439-96-5	1055
		Vanadium	7440-62-2	1055
		Aluminum	7429-90-5	1055
		Thallium	7440-28-0	42
		Thorium Dioxide	1314-20-1	527
Component Joining/Plastic Pipe Welding	Adhesives ^{3,4}	N-Hexane	110-54-3	49
		Methyl Methacrylate	80-62-6	148
		Benzoyl Peroxide	94-36-0	124
		N-Dibutyl Phthalate	84-74-2	124
		Toluene	108-88-3	49
		Methyl Ethyl Ketone	78-93-3	148
		Cumene Hydroperoxide	80-15-9	15
		Cyclohexane	110-82-7	40

Contact/Pipe Cleaning	Cleaners ^{3,4}	Methyl Alcohol	67-56-1	7
		Toluene	108-88-3	9
		1,1-Dichloro-1-Fluoroethane	1717-00-6	8
		Tetrachloroethylene	127-18-4	8
		Xylene	1330-20-7	4
		Methyl Ethyl Ketone	78-93-3	1
		Ethylbenzene	100-41-4	1
		N-Hexane	110-54-3	4
Non-motor Vehicle Equipment Maintenance	Motor Oils ^{3,4}	Toluene	108-88-3	492
Non-motor Vehicle Equipment Maintenance	Propane ^{3,4}	Propylene	115-07-1	20003
Sealants/Coatings	Sealants/Coatings ^{3,4}	1,2,4-Trimethylbenzene	95-63-6	1843
		Xylene	1330-20-7	1843
		N-Hexane	110-54-3	1843
		Cumene Hydroperoxide	80-15-9	461
		Ethylbenzene	100-41-4	461
		Toluene 2,6-Di Isocyanate	91-08-7	9
		Toluene 2,4-Di Isocyanate	584-84-9	9
		Toluene Di Isocyanate	26471-62-5	9
Solvents and Miscellaneous Activities	Solvents ^{3,4}	1,1-Dichloro-1-Fluoroethane	1717-00-6	3463
		Cumene Hydroperoxide	80-15-9	146
		N-Hexane	110-54-3	137
		Naphthalene	91-20-3	341
		Piperonylbutoxide	51-03-6	293
		Cyfluthrin	68359-37-5	293
		D-Trans Allethrin	28057-48-9	6
		Phenothrin	26002-80-2	6
		Hydramethylnon	67485-29-4	49
Paints	Paints	Xylene	1330-20-7	133
		Toluene	108-88-3	11
Medical/Weld X-ray	X-ray liquid developer and replenisher	Hydroquinone	123-31-9	0
		Sulfuric Acid	7664-93-9	0
		Ethylene Glycol	107-21-1	0

¹ Five percent of the total amount of gasoline used by BNI was assumed used in non-motor vehicle equipment. The total gasoline reported used at the WTP by BNI and its subcontractors were 39,697 gallons.

² Ten percent of the total amount of diesel fuel used by BNI was assumed used in non-motor vehicle equipment. The total diesel fuel reported used at the WTP by BNI and its subcontractors were 190,273 gallons.

³ Combination of various brands and products utilized at WTP

⁴ Products used as a structural component are exempt from reporting. Products used as part of the process equipment is required to be reported. For calendar year 2005, it was assumed that 30% of the products were process related and 70% of the products were used as a structural component of the facility.

Discussion of Exemptions

Exempt products were not considered when determining toxic chemical usage at the WTP. Products used for the following "otherwise used" activities performed on the WTP during 2005 were exempt from this report as allowed by 40 Code of Federal Regulations 372.38:

- Use of products for maintaining motor vehicles operated by the facility such as numerous automotive coolants, fuels, cleaners, lubricants, additives, and solvents that were used in the operation of the motor vehicles operated at the WTP.
- De minimus concentrations of a toxic chemical in a mixture. Numerous products used by the WTP contained toxic chemicals below the de minimus concentrations.
- Use as a structural component of the facility. Numerous products were used at the WTP that are structural components of the facility.
- Personal use by employees or other persons at the facility of food, drugs, cosmetics, or other personal items containing toxic chemicals. Products such as eyeglass lens cleaners and lens anti-fog formulas were used at the WTP.
- Use of products for routine janitorial or facility grounds maintenance.