### **APPENDIX A. RISK MANAGEMENT PLAN FORM**

### Risk Management Plan Form Section 112(r) of the Clean Air Act

OMB Control No. 2050-0144 Approval expires XX/XX/XX

Burden Statement

The public reporting and recordkeeping burden for this collection of information is estimated to average from 8.25 to 33 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

#### IMPORTANT: Type or print; read instructions before completing form.

Submission Type:		Where to Send Completed Forms:	
G First-Time RMP Submission		U.S. Environmental Protection Agency	
Correction t	o the Current RMP	Attention:RMP Reporting Center P.O. Box 10162 Fairfax, VA 22038	
(Submission T C01 C02 C03	Clerical error corrected Additional information supplied Minor administrative change	If you prefer to send this Risk Management Plan Form by certified mail, courier or overnight mail (e.g. Fed Ex, UPS, Etc.), please address it to:	
C04 C05 C06 C07 C08 C09	Notification of facility ownership change New accident history information Change in emergency contact information New data element required by EPA Optional data element requested by EPA Removed OCA description from executive summary	RMP Reporting Center c/o CGI Federal, Inc. 12601 Fairlakes Circle Fairfax, VA 22033	
Re-Submiss	sion (all 9 sections are updated and certified)		
(Submission T	ype = "R")		
R01	Newly regulated substance listed by EPA (40 CFR 68.190(b)(2))		
R02	Newly regulated substance above TQ in already covered process (40 CFR 68.190(b)(3))		
R03	Regulated substance present above TQ in new (or previously not covered) process (40 CFR 68.190(b)(4))		
R04	Revised PHA / Hazard Review due to process change (40 CFR 68.190(b)(5))		
R05	Revised OCA due to change (40 CFR 68.190(b)(6))		
R06	Change in program level of covered process (40 CFR 68.190(b)(7))		
R07	5-year update (40 CFR 68.190(b)(1))		
R08	Process no longer covered (source has other processes that remain covered) (40 CFR 68.190(b)(7))		
R09	Voluntary update (not described by any of the above reasons)		

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Facility Name: \_\_\_\_



Executive Summary (attach a separate piece of paper if you need additional space)




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Facility Name:	_		_
1 Section 1. Registration		# (leave bl	ank for first submission only)
1.1 Source Identification			
1.1.a. Facility Name (maximum 50 characters)			
1.1.b. Parent Company #1 Name (maximum 50 characters)			
1.1.c. Parent Company #2 Name (maximum 50 characters)			
1.2 EPA Facility Identifier (12 characters) (leave blank for first submission only)			
1.3 Other EPA Systems Facility Identifier (15 characters)			
1.4 Dun and Broadcast Numbers (DUNS) (9 characters)			
1.4.a. Facility DUNS     1.4.b Parent Company #1 DUNS     1.4.c. Parent Company #2 DUNS			ent Company #2 DUNS
1.5 Facility Location			
1.5.a. Street - Line 1 (maximum 35 characters)			
1.5.b. Street - Line 2 (maximum 35 characters)			
1.5.c. City (maximum 19 Characters)			1.5.d. State
	1		<u> </u>
1.5.e. Zip Code Zip +4 Code	1.5.f. County (maximu	m 20 chara	acters)
1.5.g. Facility Latitude (report in decimal degrees)	1.5.h. Facility Longitud	e (report in d	lecimal degrees)
+/ D DD D D DDD D	+/ D DD D DDDD D		
1.5.i. Method for determining Lat/Long (see User Manual for Codes)       1.5.j. Description of location identified by Lat/Long (see User Manual for Codes)			
1.5.k. Horizontal accuracy measure (meters)	1.5.I. Horizontal refere	nce datum	code
	1.5.m. Source Map Sc	ale Numbe	er

Facility Name:	
Section 1. Registration	<b>EPA Facility ID#</b> (leave blank for first submission only)
1.6 Owner or Operator	
1.6.a. Name (maximum 35 characters)	
1.6.b. Phone ()	<b>_</b>
Owner or Operator Mailing Address	
1.6.c. Street - Line 1 (maximum 35 characters)	
1.6.d. Street - Line 2 (maximum 35 characters)	
1.6.e. City (maximum 19 characters)	1.6.f. State
1.6.g. Zip Code Zip +4 Code	
1.7 Name, title, and email address of person or position respon	
1.7.a. Name of person (maximum 35 characters)	1.7.b. Title of person or position (maximum 35 characters)
1.7.c. Email address of person or position (maximum 35 characters	)
1.8.a. Emergency Contact	
1.8.a. Name (maximum 35 characters)	1.8.b. Title of person or position (maximum 35 characters)
1.8.c. Phone ()	1.8.d. 24-Hour Phone ()
1.8.e. 24-Hour Phone Extension/PIN # (maximum 10 characters)	
1.8.f. Email address for emergency contact (maximum 100 charact	ers) Enter N/A if not applicable

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Facility Name:			
Section 1. Registration	EPA Facility ID# (leave blank for first submission only)		
1.9. Other Points of Contact (Optional)			
1.9.a. Facility or Parent Company E-mail Address (maximum 100 characters)	1.9.b. Facility Public Contact Phone Number		
1.9.c. Facility or Parent Company WWW Homepage Address (maxim	um 100 characters)		
1.10 Local Emergency Planning Committee (LEPC) (optional) (ma	iximum 30 characters)		
1.11 Number of full-time equivalent (FTEs) employees on site			
1.12. Covered by (select all that apply)			
1.12.a. OSHA PSM			
1.12.b. EPCRA section 302			
□ 1.12.c. CAA Title V Air Operating Permit Program. If covered, spec	city permit ID# below.		
1.13. OSHA Star or Merit Ranking (optional)	□ NO		
1.14. Last Safety Inspection (by an External Agency) Date	MM DD YYYY		
1.15. Last Safety Inspection Performed by an External Agency (se	elect one)		
	□ 1.15.f. Never had one □ 1.15.g. Other (specify) (maximum 50 characters)		
1.16. Will this RMP involve Predictive Filing? (Optional)	ES 🔲 No		

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Facility Name:	
Section 1. Registration	EPA Facility ID# (leave blank for first submission only)

1.17 Process Specific Information. For each covered process, fill in this page. If you are reporting more than one process, make a photocopy of this page and report each process on a separate sheet.

Process ID# (optional - for your reference only)				
Process Description (optional - for yo	our reference	only)		
1.17.a. Program Level (select one)	<b>□</b> 1	2	<b>3</b>	
1.17.b. NAICS Code(s) (five or six dig	its)			

1.17.c. Chemical(s) (regulated substance(s))		
1.17.c.1. Name (maximum 100 characters)	1.17.c.2. CAS Number (10 characters)	1.17.c.3. Quantity (Ibs) (max. 12 chars.)
	·····	

If you need more space to list NAICS codes or chemicals, please make a photocopy of this sheet.

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Facility Name:		
	EPA Facility ID# (leave blank for first ared this risk management plan, cerning this contractor in the fields b	st submission only)
1.18 RMP Preparer Information		
1.18.a. Name (maximum 70 characters)		
1.18.b. Phone ()		
1.18.c. Street - Line 1 (maximum 35 characters)		
1.18.d. Street - Line 2 (maximum 35 characters)		
1.18.e. City (Maximum 30 characters)		
1.18.f. State <b>or</b> Foreign State or Province (Maximum 35 characters)	1.18.g. Zip Code Zip+ 4 Code	or Foreign Country (Max 2 characters)
1.18.h. RMP Preparer Foreign Zip Code		

Facility Name:	· · · · · · · · · · · · · · · · · · ·	
2       Section 2. Toxics: Worst Case         If you need to report more than one worst case scenario, make a photocopy of pages in this section and report each scenario separately)		
2.1. Chemical		
2.1.a. Name (maximum 100 characters)		
2.1.b. Percent weight of chemicals (if in a mixture)	<b></b> %	
2.2. Physical state (select one)		
□ 2.2.a. Gas □ 2.2.b. Liquid	<ul> <li>2.2.c. Gas liquified by pressure</li> <li>2.2.d. Gas liquified by refrigeration</li> </ul>	
2.3. Model Used (select one or enter another model name in Ot	her below)	
<ul> <li>2.3.a. EPA's OCA Guidance Reference Tables or Equations</li> <li>2.3.b. EPA's RMP Guidance for Ammonia Refrigeration Reference Tables or Equations</li> <li>2.3.d. EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables or Equations</li> <li>2.3.e. EPA's RMP Guidance for Warehouses Reference Tables or Equations</li> <li>2.3.f. EPA's RMP Guidance for Chemical Distributors Reference Tables or Equations</li> <li>2.3.g. EPA's RMP* Comp™</li> <li>2.3.h. Areal Locations of Hazardous Atmospheres (ALOHA®)</li> <li>2.3.z. Other model (specify) (maximum 255 characters)</li> </ul>		
2.4. Scenario (select one)         2.4.a. Gas Release         2.4.b. Liquid Spill and Vaporization		
2.5. Quantity released (Ibs)	2.6. Release rate (Ibs/minute)	
·····	······································	
2.7. Release duration (minutes)	2.8. Wind speed (meters/second)	
2.9. Atmospheric stability class (A-F)		
2.10. Topography (select one)		
🗖 2.10.a. Urban	□ 2.10.b. Rural	
2.11. Distance to endpoint (miles)		

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Facility Name:	
Section 2. Toxics: Worst Case	EPA Facility ID# (leave blank for first submission only)
2.12. Estimated residential population within distance to endpo	int (numeric)
2.13. Public receptors within distance to endpoint (select all that	
2.13.a. Schools	2.13.g. Other (specify) (maximum 200 characters)
2.13.b. Residences	
□ 2.13.c. Hospitals	
□ 2.13.d. Prison/Correctional Facilities	
□ 2.13.e. Recreation Areas	
2.13.f. Major commercial, office, or industrial areas	
2.14. Environmental receptors within distance to endpoint (sele	ect all that apply)
2.14.a. National or State Parks, Forests, or Monuments	2.14.d. Other (specify) (maximum 200 characters)
2.14.b. Officially Designated Wildlife Sanctuaries, Preserves, or Refuges	
2.14.c. Federal Wilderness Area	
2.15. Passive mitigation considered (select all that apply)	
2.15.a. Dikes	2.15.f. Other (specify) (maximum 200 characters)

2.15.b. Enclosures

2.15.c. Berms

2.15.d. Drains

2.15.e. Sumps

2.16. Graphics file name (optional) (maximum 12 characters)

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Facility Name: \_\_\_\_\_

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Section 3. Toxics: Alternative Release

EPA Facility ID# (leave blank for first submission only)

(If you need to report more than one alternative release scenario, make a copy of pages in this section and report each scenario separately)

3.1. Chemical

3.1.a. Name (maximum 100 characters)

3.1.b. Percent weight of chemical (if in a mixture)

**\_\_** . **\_%** 

#### 3.2. Physical State (select one)

3.2.a. Gas       3.2.c. Gas liquified by pressure         3.2.b. Liquid       3.2.d. Gas liquified by refrigeration
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3.3. Model Used (select one or enter another model name in Other below)

3.3.a. EPA's OCA Guidance Reference Tables or Equations
3.3.b. EPA's RMP Guidance for Ammonia Refrigeration Reference Tables or Equations
3.3.d. EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables or Equations
3.3.e. EPA's RMP Guidance for Warehouse Reference Tables or Equations
3.3.f. EPA's RMP Guidance for Chemical Distributors Reference Tables or Equations
3.3.g. EPA's RMP\*Comp™
3.3.h. Areal Locations of Hazardous Atmospheres (ALOHA®)
3.3.z. Other model (specify) (maximum 200 characters)

#### 3.4. Scenario (select one)

□ 3.4.a. Transfer hose failure

3.4.f. Excess Flow Device Failure

□ 3.4.g. Other (specify) (maximum 35 characters)

- □ 3.4.b. Pipe Leak □ 3.5.c. Vessel Leak
- 3.4.d. Overfilling
   3.4.e. Rupture disk/relief valve failure
- 3.5. Released (lbs)
   3.6. Release Rate (lbs/minute)

   3.7. Release Duration (minutes)
   3.8. Wind Speed (meters/second)

   3.9. Atmospheric stability class (A-F)
   \_\_\_\_\_\_

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Facility Name:	
3 Section 3. Toxics: Alternative Release (If you need to report more than one alternative release sce	EPA Facility ID# (leave blank for first submission only) nario, make a copy of pages in this section and report each scenario separately)
3.10. Topology (select one)	□ 3.10.b. Rural
3.11. Distance to endpoint (miles)	· · · · · · · · · · · · · · · · · · ·
3.12. Estimated residential population within distance to end	lpoint,
<ul> <li>3.13. Public receptors within distance to endpoint (select all</li> <li>3.13.a. Schools</li> <li>3.13.b. Residences</li> <li>3.13.c. Hospitals</li> <li>3.13.d. Prisons/Correctional facilities</li> </ul>	<ul> <li>that apply)</li> <li>3.13.e. Recreation Areas</li> <li>3.13.f. Major commercial, office, or industrial areas</li> <li>3.13.g. Other (specify) (maximum 200 characters)</li> </ul>
3.14. Environmental receptors within distance to endpoint (s	select all that apply)
<ul> <li>3.14.a. National or State Parks, Forests, or Monuments</li> <li>3.14.b. Officially Designated Wildlife Sanctuaries, Preserves, or Refuges</li> <li>3.14.c. Federal Wilderness Area</li> </ul>	□ 3.14.d. Other (specify) (maximum 200 characters)
3.15. Passive mitigation considered (select all that apply)	
□ 3.15.a. Dikes	□ 3.15.e. Sumps
3.15.b. Enclosures	□ 3.15.f. Other (specify) (maximum 200 characters)
□ 3.15.c. Berms	
□ 3.15.d. Drains	
3.16. Active mitigation considered (select all that apply)	
<ul> <li>3.16.a. Sprinkler systems</li> <li>3.16.b. Deluge systems</li> <li>3.16.c. Water curtain</li> <li>3.16.d. Neutralization</li> <li>3.16.e. Excess flow valve</li> <li>3.16.f. Flares</li> </ul>	<ul> <li>3.16.g. Scrubbers</li> <li>3.16.h. Emergency shutdown systems</li> <li>3.16.i. Other (specify) (maximum 200 characters)</li> </ul>
3.17. Graphics file name (optional) (maximum 12 characters)	

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Facility Name: \_\_\_\_



Section 4. Flammables: Worst Case



□ 4.8.f. Major commercial, office, or industrial areas

□ 4.8.g. Other (specify) (maximum 200 characters)

(If you need to report more than one worst-case scenario, make a photocopy of pages in this section and report each scenario separately)

4.1.a. Chemical Name (maximum 100 characters)

### 4.2. Model Used (select one or enter another model name in Other below)

□ 4.2.a. EPA's OCA Guidance Reference Tables or Equations

□ 4.2.c. EPA's RMP Guidance for Ammonia Refrigeration Reference Tables or Equations

L 4.2.d. EPA's RMP Guidance for Waste Water Treatment Plants Reference Tables or Equations

□ 4.2.e. EPA's RMP Guidance for Warehouse Reference Tables or Equations

- L 4.2.f. EPA's RMP Guidance for Chemical Distributors Reference Tables or Equations
- □ 4.2.g. EPA's RMP\*Comp™
- □ 4.2.z. Other model (specify) (maximum 235 characters)

4.3. Scenario (only one option)

Vapor Cloud Explosion

4.4. Quantity released (lbs)	4.5. Endpoint Used (only one option)	
· · · · · · · · · · · · · · · · · · ·	1 PSI	
4.6. Distance to endpoint (miles)	4.7. Estimated residential population within distance to endpoint	
· · · · · · · · · · · · · · · · · · ·		
4.8. Public Receptors within distance to endpoint (select all that apply)		

🛛 4.8.a. S	Schools
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4.8.b. Residences

- 4.8.c Hospitals
- □ 4.8.d. Prisons/Correctional facilities
- 4.8.e. Recreation Areas

### 4.9. Environmental receptors within distance to endpoint (select all that apply)

4.9.a. National or State Parks, Forests, or	4.9.d. Other (specify) (maximum 200 characters)
Monuments	
4.9.b. Officially Designated Wildlife Sanctuaries,	
Preserves, or Refuges	
4.9.c. Federal Wilderness Area	

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Facility Name:4 Section 4. Flammables: Worst Case	EPA Facility ID# (leave blank for first submission only)
4.10. Passive mitigation considered (select all that were consid scenario)	dered in defining the release quantity or rate for the worst-case
□ 4.10.a. Blast walls	4.10.b. Other (specify) (maximum 200 characters)
4.11. Graphics file name (optional) (maximum 12 characters)	

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Facility Name:	
5 Section 5. Flammables: Alternative Relea	<b>EPA Facility ID#</b> (leave blank for first submission only)
Section 5. Flammables: Alternative Relea	ise
(If you need to report more than one alternative release scenar scenario separately)	io, make a photocopy of pages in this section and report each
5.1. Chemical Name (maximum 100 characters)	
5.2. Model Used (select one or enter another model name in Oth	ter below)
<ul> <li>□ 5.2.a. EPA's OCA Guidance Reference Tables or Equation</li> <li>□ 5.2.c. EPA's RMP Guidance for Propane Storage Reference</li> <li>□ 5.2.d. EPA's RMP Guidance for Waste Water Treatment P</li> <li>□ 5.2.e. EPA's RMP Guidance for Warehouse Reference Tail</li> <li>□ 5.2.f. EPA's RMP Guidance for Chemical Distributors Refe</li> <li>□ 5.2.g. EPA's RMP*Comp<sup>™</sup></li> <li>□ 5.2.z. Other model (specify) (maximum 235 characters)</li> </ul>	ce Tables or Equations lants Reference Tables or Equations bles or Equations
5.3. Scenario (select one)	
<ul> <li>5.3.a. Vapor cloud explosion</li> <li>5.3.b. Fireball</li> <li>5.3.c. BLEVE</li> <li>5.3.d. Pool fire</li> <li>5.3.e. Jet fire</li> </ul>	<ul> <li>5.3.f. Vapor cloud fire</li> <li>3.4.g. Other (specify) (maximum 30 characters)</li> </ul>
5.4. Quantity released (Ibs)	
	<b></b>
5.5 Endpoint used (select one)	
<ul> <li>□ 5.5.a. 1 PSI</li> <li>□ 5.5.b. 5 kw/m<sup>2</sup> for 40 seconds</li> </ul>	
□ 5.5.c. Lower flammability limit (specify percent volume)	· • · · ·

5.6. Distance to endpoint (miles)	5.7. Estimated residential population within distance to endpoint
· · · · · · · · · · · · · · · · · · ·	· • · · · • • · · · · · · · · · · · · ·

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Facility Name:	
5 Section 5. Flammables: Alternative Rele	EPA Facility ID# (leave blank for first submission only)
<ul> <li>5.8. Public Receptors within distance to endpoint (select all that apply)</li> <li>5.8.a. Schools</li> <li>5.8.b. Residences</li> <li>5.8.c. Hospitals</li> <li>5.8.d. Prisons/Correctional facilities</li> <li>5.8.e. Recreation Areas</li> </ul>	<ul> <li>5.8.f. Major commercial, office, or industrial areas</li> <li>5.8.g. Other (specify) (maximum 200 characters)</li> </ul>
<ul> <li>5.9. Environmental receptors within distance to endpoint (select all that apply)</li> <li>5.9.a. National or State Parks, Forests, or Monuments</li> <li>5.9.b. Officially Designated Wildlife Sanctuaries, Preserves, or Refuges</li> <li>5.9.c. Federal Wilderness Area</li> </ul>	□ 5.9.d. Other (specify) (maximum 200 characters)
<ul> <li>5.10. Passive mitigation considered (select all that apply)</li> <li>5.10.a. Dikes</li> <li>5.10.b. Fire walls</li> <li>5.10.c. Blast walls</li> <li>5.10.d. Enclosures</li> </ul>	5.10.e. Other (specify) (maximum 200 characters)
<ul> <li>5.11. Active mitigation considered (select all that apply)</li> <li>5.11.a. Sprinkler systems</li> <li>5.11.b. Deluge systems</li> <li>5.11.c. Water curtain</li> <li>5.11.d. Excess flow valve</li> </ul> 5.12. Graphics file name (optional) (maximum 12 characters)	5.11.e. Other (specify) (maximum 200 characters)
on a stapmes me name (optional) (maximum 12 characters)	

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6       Section 6. Five-Year Accident History         If you need to report more than one accident history, make a photocopy of pages in this section and report each scenario separation with the section and report each scenario separation with the section and report each scenario separation with the section blank         Would you like to certify that your facility did not have any reportable accidents in the last 5 years?         Yes; leave the rest of this section blank			
(If you need to report more than one accident history, make a photocopy of pages in this section and report each scenario separation would you like to certify that your facility <i>did not</i> have any reportable accidents in the last 5 years?	parately)		
Yes; leave the rest of this section blank       No; fill out this section for each accident			
6.1. Date of accident (day, month, and year)6.2. Time accident began (hours and minutes)			
MM DD YYYY HH MM Dp.m.			
63. NAICS code of process involved 6.4. Release duration (hours and minutes)			
селение селение На на			
6.5.a.i. Chemical name (maximum 100 characters) 6.5.a.ii. CAS Number 6.5.b. Quantity 6.5.c. Percent			
released (lbs.) weight	t of chemical if ixture (toxics		
6.6. Release event (select at least one)			
a. Gas release       d. Explosion         b. Liquid spills/evaporation       e. Uncontrolled/Runaway Reaction         c. Fire			
6.7. Release Source (select at least one)			
a. Storage vessel       g. Joint         b. Piping       h. Other (specify) (maximum 200 characters)         c. Process vessel       -         d. Transfer hose       -         e. Valve       -         f. Pump       -			

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Facility Name:		_		
6.8. Weather conditions at time of event	cident History		# (leave blank for first submission only)	
a.i. Wind speed (numerical)			a.ii. Wind direction	
Level a miles/hr. a knots a meters/sec.				
b. Temperature (°F)	c. Atmospheric stability class (A-F)		d. Precipitation present	
e. Unknown weather conditions (check if a-d are all unknown)				
6.9 On-site Impacts				
a. Deaths (enter numbers)		b. Injuries (enter numbers)		
a.i. Employees or contractors		b.i. Employees or contractors		
a.ii. Public responders		b.ii. Public responders		
a.iii. Public	b.iii. Pu		· · · · · ·	
c. Property damage <b>\$</b> , <b></b> , <b></b>				
6.10. Known off-site impacts (enter number	ers)			
a. Deaths		d. Evacua	ted	
b. Hospitalizations		e. Sheltere	ed-in-place	
c. Other medical treatments				
	c. Other medical treatments f. Property damage (\$)			
6.10.g. Environmental damage (select all t	that apply)			
<ul> <li>g.1. Fish or animal kills</li> <li>g.2. Tree, lawn, shrub, or crop damage</li> <li>g.3. Water contamination</li> <li>g.4. Soil contamination</li> <li>g.5. Other (specify) (maximum 200 ch</li> </ul>	, ,			

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Facility Name:	
6 Section 6. Five-Year Accident History	EPA Facility ID# (leave blank for first submission only)
<ul> <li>6.11. Initiating event (select one)</li> <li>a. Equipment failure</li> <li>b. Human error</li> </ul>	<ul> <li>c. Natural (weather conditions, earthquake)</li> <li>d. Unknown</li> </ul>
<ul> <li>6.12. Contributing factors (select all that apply)</li> <li>a. Equipment failure</li> <li>b. Human error</li> <li>c. Improper procedure</li> <li>d. Over pressurization</li> <li>e. Upset condition</li> <li>f. By-pass condition</li> <li>g. Maintenance activity/inactivity</li> <li>h. Process design failure</li> </ul>	<ul> <li>i. Unsuitable equipment</li> <li>j. Unusual weather conditions</li> <li>k. Management error</li> <li>l. uncontrolled/runaway reaction</li> <li>m. Other (specify) (maximum 200 characters)</li> </ul>
<ul> <li>6.13. Off-site responders notified (select one)</li> <li>a. Notified only</li> <li>b. Notified and responded</li> </ul>	<ul> <li>c. No, not notified</li> <li>d. Unknown</li> </ul>
<ul> <li>6.14. Changes introduced as a result of the accident (select at least one)</li> <li>a. Improved/upgraded equipment</li> <li>b. Revised maintenance</li> <li>c. Revised training</li> <li>d. Revised operating procedures</li> <li>e. New process controls</li> <li>f. New mitigation systems</li> <li>g. Revised emergency response plan</li> <li>h. Changed process</li> <li>i. Reduced inventory</li> </ul>	<ul> <li>j. None</li> <li>k. Other (specify) (maximum 200 characters)</li> </ul>

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#### Facility Name: \_\_\_\_\_

Prevention Program description:



Section 7. Prevention Program: Program 3 EPA Facility ID# (leave blank for first submission only) (If you need to report more than one prevention program, make a photocopy of pages in this section and report each scenario separately)

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 7.1. NAICS code for process

 7.2. Chemical name(s) (maximum 100 characters)

If you need more space to list chemicals, please make a photo copy of this sheet.

7.3. Date on which the safety information was last revie	wed or revised
7.4. Process Hazards Analysis (PHA)	
7.4.a. Date of last PHA or PHA update	
	M M D D Y Y Y Y
<ul> <li>7.4.b. Technique used (select at least one)</li> <li>7.4.b.1. What if</li> <li>7.4.b.2. Checklist</li> <li>7.4.b.3. What if/Checklist combined</li> <li>7.4.b.4. HAZOP</li> <li>7.4.b.5. Failure Mode &amp; Effects Analysis</li> </ul>	<ul> <li>7.4.b.6. Fault Tree Analysis</li> <li>7.4.b.7. Other (specify) (maximum 200 characters)</li> </ul>

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Facility Name:		
7       Section 7. Prevention Program: Program 3       EPA Facility ID# (leave blank for first submission only)		
7.4.c. Expected or actual date of completion of all changes res	ulting from last PHA or PHA update	
	MM DD YYYY	
<ul> <li>7.4.d. Major hazards identified (select at least one)</li> <li>7.4.d.1. Toxic release</li> <li>7.4.d.2. Fire</li> <li>7.4.d.3. Explosion</li> <li>7.4.d.4. Runaway reaction</li> <li>7.4.d.5. Polymerization</li> <li>7.4.d.6. Over pressurization</li> <li>7.4.d.7. Corrosion</li> <li>7.4.d.8. Overfilling</li> <li>7.4.d.9. Contamination</li> </ul>	<ul> <li>7.4.d.10. Equipment failure</li> <li>7.4.d.11. Loss of cooling, heating, electricity, Instrument air</li> <li>7.4.d.12. Earthquake</li> <li>7.4.d.13. Floods (flood pain)</li> <li>7.4.d.14. Tornado</li> <li>7.4.d.15. Hurricanes</li> <li>7.4.d.16. Other (specify) (maximum 200 characters)</li> </ul>	
<ul> <li>7.4.e. Process controls in use (select at least one)</li> <li>7.4.e.1. Vents</li> <li>7.4.e.2. Relief valves</li> <li>7.4.e.3. Check valves</li> <li>7.4.e.4. Scrubbers</li> <li>7.4.e.5. Flares</li> <li>7.4.e.6. Manual shutoffs</li> <li>7.4.e.7. Automatic shutoffs</li> <li>7.4.e.8. Interlocks</li> <li>7.4.e.9. Alarms and procedures</li> <li>7.4.e.10. Keyed bypass</li> <li>7.4.e.11. Emergency air supply</li> </ul>	<ul> <li>7.4.e.12. Emergency power</li> <li>7.4.e.13. Backup pump</li> <li>7.4.e.14. Grounding equipment</li> <li>7.4.e.15. Inhibitor addition</li> <li>7.4.e.16. Rupture disks</li> <li>7.4.e.17. Excess flow device</li> <li>7.4.e.18. Quench system</li> <li>7.4.e.19. Purge system</li> <li>7.4.e.20. None</li> <li>7.4.e.21. Other (specify) (maximum 200 characters)</li> </ul>	
<ul> <li>7.4.f. Mitigation systems in use (select at least one)</li> <li>7.4.f.1. Sprinkler system</li> <li>7.4.f.2. Dikes</li> <li>7.4.f.3. Fire walls</li> <li>7.4.f.4. Blast walls</li> <li>7.4.f.5. Deluge system</li> <li>7.4.f.6. Water curtain</li> </ul>	<ul> <li>7.4.f.7. Enclosure</li> <li>7.4.f.8. Neutralization</li> <li>7.4.f.9. None</li> <li>7.4.f.10. Other (specify)(maximum 200 characters)</li> </ul>	
<ul> <li>7.4.g. Monitoring/detection systems in use (select at least one)</li> <li>7.4.g.1. Process area detectors</li> <li>7.4.g.2. Perimeter monitors</li> <li>7.4.g.3. None</li> </ul>	7.4.g.4. Other (specify)(maximum 200 characters)	

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Facility Name:		
Section 7. Prevention Program: Program	<b>BALE AND AND AND AND AND AND AND AND AND AND</b>	
<ul> <li>7.4.h. Changes since last PHA update (select at least one)</li> <li>7.4.h.1. Reduction in chemical inventory</li> <li>7.4.h.2. Increase in chemical inventory</li> <li>7.4.h.3. Change in process parameters</li> <li>7.4.h.4. Installation of process controls</li> <li>7.4.h.5. Installation of process detection systems</li> <li>7.4.h.6. Installation of perimeter monitoring systems</li> <li>7.4.h.7. Installation of mitigation systems</li> </ul>	<ul> <li>7.4.h.8. None recommended</li> <li>7.4.h.9. None</li> <li>7.4.h.10. Other (specify) (maximum 200 characters)</li> </ul>	
7.5. Date of most recent review or revision of operating proced	MM DD YYYY	
<ul><li>7.6. Training</li><li>7.6.a. Date of most recent review or review of operating procedures</li></ul>	MM DD YYYY	
<ul> <li>7.6.b. Type of training provided (select at one)</li> <li>7.6.b.1. Classroom</li> <li>7.6.b.2. On the job</li> <li>7.6.b.3. Other (specify) (maximum 200 characters)</li></ul>		
<ul> <li>7.6.c. Type of competency testing used (select at least one)</li> <li>7.6.c.1. Written test</li> <li>7.6.c.2. Oral Test</li> <li>7.6.c.3. Demonstration</li> </ul>	<ul> <li>7.6.c.4. Observation</li> <li>7.6.c.5. Other (specify)(maximum 200 characters)</li> </ul>	
7.7. Maintenance		
7.7.a. Date of most recent review or revision of maintenance procee	dures MM DD YYYY	
7.7.b. Date of most recent equipment inspection or test		
7.7.c. Equipment most recently inspected or tested (list equipment)	(maximum 200 characters)	

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Facility Name:	
Section 7. Prevention Program: Program 3	EPA Facility ID# (leave blank for first submission only)

# 7.8 Management of Change

7.8.a. Date of most recent changes that triggered management of change procedures.	MM DD YYYY
7.8.b. Date of most recent changes that triggered management of change procedures.	
7.9. Date of most recent pre-startup review	

### 7.10. Compliance audits

7.10.a. Date of most recent compliant audit	
	MM DD YYYY
7.10.b. Expected or actual date of completion of all changes resulting from the compliance	
audit	
	MM DD YYYY

#### 7.11. Incident investigation

7.11.a. Date of most recent incident investigation (if any)	
<b>U</b>	MM DD YYYY
7.11.b. Expected or actual date of completion of all changes resulting from the inc	sident
investigation	
	MM DD YYYY
7.12. Date of most recent review or revision of employee participation plan	ns
	MM DD YYYY
7.13. Date of most recent review or revision of hot work permit procedures	S
	MM DD YYYY
7.14. Date of most recent review or revision of contractor safety procedure	es
	MM DD YYYY
7.15. Date of most recent review or revision of contractor safety performan	nce
	MM DD YYYY

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MM DD YYYY

Facility Name: \_\_\_\_\_



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Section 8. Prevention Program: Program 2 EPA Facility ID# (leave blank for first submission only)

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(If you need to report more than one prevention program, make a photocopy of pages in this section and report each scenario separately)

Prevention Program description:	

8.1. NAICS code for process	
8.2. Chemical name(s) (maximum 100 characters)	

If you need more space to list chemicals, please make a photo copy of this sheet.

# 8.3 Safety Information

8.3. Date of most recent review or revision of safety information	
8.3.b. Federal/state regulations or industry-specific design codes and standards used to demonstrate compliance with safety information requirement (select at least one)	
<ul> <li>8.3.b.1. NFPA 58 (or state law based on NFPA 58)</li> <li>8.3.b.2. OSHA (29 CFR 1910.111)</li> <li>8.3.b.3. ASTM Standards</li> <li>8.3.b.4. ANSI Standards</li> <li>8.3.b.5. ANSME Standards</li> <li>8.3.b.6. None</li> <li>8.3b.8. Comments (100 characters)</li> </ul>	8.3b.7. Other (specify) (maximum 200 characters)

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Facility Name:		
8	m 2 EPA Facility ID# (leave blank for first submission only)	
8.4. Hazard review		
8.4.a. Date of completion of most recent hazard review or update	M M D D Y Y Y Y	
8.4.b. Expected or actual date of completion of all changes resulting from the hazard review M M D D Y Y Y Y		
8.4.c. Major hazards identified (select at least one)		
<ul> <li>8.4.c.1. Toxic release</li> <li>8.4.c.2. Fire</li> <li>8.4.c.3. Explosion</li> <li>8.4.c.4. Runaway reaction</li> <li>8.4.c.5. Polymerization</li> <li>8.4.c.6. Over pressurization</li> <li>8.4.c.7. Corrosion</li> <li>8.4.c.8. Overfilling</li> <li>8.4.c.9. Contamination</li> <li>8.4.c.10. Equipment failure</li> </ul>	<ul> <li>8.4.c.11. Loss of cooling, heating, electricity, instrument air</li> <li>8.4.c.12. Earthquake</li> <li>8.4.c.13. Floods (flood pain)</li> <li>8.4.c.14. Tornado</li> <li>8.4.c.15. Hurricanes</li> <li>8.4.c.16. Other (specify) (maximum 200 characters)</li> </ul>	
8.4.d. Process controls in use (select at least one)		
<ul> <li>A.d. Process controls in use (select at least one)</li> <li>8.4.d.1. Vents</li> <li>8.4.d.2. Relief valves</li> <li>8.4.d.3. Check valves</li> <li>8.4.d.4. Scrubbers</li> <li>8.4.d.5. Flares</li> <li>8.4.d.6. Manual shutoffs</li> <li>8.4.d.7. Automatic shutoffs</li> <li>8.4.d.8. Interlocks</li> <li>8.4.d.9. Alarms and procedures</li> <li>8.4.d.10. Keyed bypass</li> <li>8.4.d.11. Emergency air supply</li> <li>8.4.d.12. Emergency power</li> </ul>	<ul> <li>8.4.d.13. Backup pump</li> <li>8.4.d.14. Grounding equipment</li> <li>8.4.d.15. Inhibitor addition</li> <li>8.4.d.16. Rupture disks</li> <li>8.4.d.17. Excess flow device</li> <li>8.4.d.18. Quench system</li> <li>8.4.d.19. Purge system</li> <li>8.4.d.20. None</li> <li>8.4.d.21. Other (specify) (maximum 200 characters)</li> </ul>	

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Facility Name:		
8 Section 8. Prevention Program: Program	EPA Facility ID# (leave blank for first submission only)	
<ul> <li>8.4.e. Mitigation systems in use (select at least one)</li> <li>8.4.e.1. Sprinkler system</li> <li>8.4.e.2. Dikes</li> <li>8.4.e.3. Fire walls</li> <li>8.4.e.4. Blast walls</li> <li>8.4.e.5. Deluge system</li> <li>8.4.e.6. Water curtain</li> <li>8.4.e.7. Enclosure</li> </ul>	<ul> <li>8.4.e.8. Neutralization</li> <li>8.4.e.9. None</li> <li>8.4.e.10. Other (specify)(maximum 200 characters)</li> </ul>	
8.4.f. Monitoring/detection systems in use (select at least one)		
<ul> <li>8.4.f.1. Process area detectors</li> <li>8.4.f.2. Perimeter monitors</li> <li>8.4.f.3. None</li> </ul>	8.4.f.4. Other (specify)(maximum 200 characters)	
<ul> <li>8.4.g. Changes since last hazard review or hazard review update (select at least one)</li> <li>8.4.g.1. Reduction in chemical inventory</li> <li>8.4.g.2. Increase in chemical inventory</li> <li>8.4.g.3. Change in process parameters</li> <li>8.4.g.4. Installation of process controls</li> <li>8.4.g.5. Installation of process detection systems</li> <li>8.4.g.6. Installation of perimeter monitoring systems</li> <li>8.4.g.7. Installation of mitigation systems</li> </ul>	<ul> <li>8.4.g.8. None recommended</li> <li>8.4.g.9. None</li> <li>8.4.g.10. Other (specify) (maximum 200 characters)</li> </ul>	
8.5. Date of most recent review or revision of safety information		
8.6.a. Date of most recent review or revision of training programs	MM DD YYYY	
8.6.b. Type of training provided (select at one)		
8.6 b 1 Classroom		

8.6.b.2. On the job
 8.6.b.3. Other (specify) (maximum 200 characters) \_\_\_\_\_

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Facility Name: \_\_\_\_\_

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Section 8. Prevention Program: Program 2

ممرج بمتعمر جامعه EPA Facility ID# (leave blank for first submission only)

8.6.c. Type of competency testing used (select at least one)	8.6.c.5. Other (specify)(maximum 200 characters)
<ul> <li>8.6.c.1. Written test</li> <li>8.6.c.2. Oral Test</li> <li>8.6.c.3. Demonstration</li> <li>8.6.c.4. Observation</li> </ul>	

#### 8.7. Maintenance

8.7.a. Date of most recent review or revision of maintenance procedures	M M D D Y Y Y
8.7.b. Date of most recent equipment inspection or test	
8.7.c. Equipment most recently inspected or tested (list equipment) (maximum 200 characters)	

### 8.8. Compliance audits

8.8.a. Date of most recent compliant audit	
	MM DD YYYY
8.8.b. Expected or actual date of completion of all changes resulting from the compliance	
audit	
	MM DD YYYY

### 8.9. Incident investigation

8.9.a. Date of most recent incident investigation (if any)	M M D D Y Y Y Y
8.9.b. Expected or actual date of completion of all changes resulting from the incident investigation	

8.10. Date of most recent change that triggered a review or a revision of safety				
information, the hazard review, operating or maintenance procedures, or training				
	ММ	DD	YYYY	

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Facility Name: \_\_\_\_\_



Section 9. Emergency Response

یمیں کے متعلقہ میں کے متع EPA Facility ID# (leave blank for first submission only)

9.1 Written emergency response (ER) plan

9.1.a. D Is your facility included in the written community emergency response plan?

9.1.b. Does your facility have its own written emergency response plan?

9.2. Does your facility's ER plan include specific actions to be taken in response to accidental releases of regulated substance(s)?

9.3. Does your facility's ER plan include procedures for informing the public and local agencies responding to accidental releases?

9.4. Does your facility's ER plan include information on emergency health care?

9.5. Date of most recent review or update of your facility's ER plan

_	<b></b>	
ММ	DD	YYYY

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9.6. Date of most recent ER training for your facility's employees

_		-	-	-				
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9.7. Local agency with which your facility's ER plan or response activities are coordinated

9.7.a. Name of agency (maximum 35 characters)

9.7.b. Phone number (\_\_\_\_\_)\_\_\_\_\_

9.8. Subject to (select all that apply)

- 9.8.a. OSHA Regulations at 29 CFR 1910.38
   9.8.b. OSHA Regulations at 29 CFR 1910.120
   9.8.c. Clean Water Act Regulations at 40 CFR 112
   9.8.d. RCRA Regulations at 40 CFR 264, 265, 279.52
   9.8.e. OPA-90 Regulations at 40 CFR 112, 33 CFR 154, 49 CFR 194, 30 CFR 254
   9.8.f. State EPCRA Rules or Laws
   9.8.g. Other (specify)(maximum 200 characters)

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## **APPENDIX C. CBI SUBSTANTIATION FORM**

OMB Control No. 2050-0144 Approval expires XX/XX/XX

# **CBI SUBSTANTIATION FORM**

If you are claiming Confidential Business Information (CBI) in your Risk Management plan (RMP), you must substantiate your claim at the same time that you submit your RMP. To qualify for CBI protection, the substantive criteria in 40 CFR 2.301 must be met. Certain RMP data elements cannot be claimed CBI, as stated in 40 CFR 68.151.

Fill out this form for each data element or set of data elements that have a discrete substantiation. You may use one CBI Substantiation Form to report multiple data elements as CBI if the basis for substantiation is the same. That means the answers to the questions in Part IV must be the same for all the data elements. If you need more space in Part III, please attach a separate piece of paper.

#### Burden Statement

The public reporting and recordkeeping burden for this collection of information is estimated to average from 9.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

#### Part I -- Facility Identification Information

The information given here must correspond to the information that you provided in the registration section of your RMP. If you have an EPA Facility ID #, please include this information. If you are resubmitting, updating or correcting your RMP, you should already have received an EPA Facility ID#.

a. Facility Name:
b. EPA Facility ID # (if assigned):
c. Facility Location Address:
d. City, State and Zip Code:

e. Dun and Bradstreet Number:

Part II – Is this substantiation a sanitized or an unsanitized version?

If this substantiation contains any CBI, you must also submit a sanitized substantiation (without CBI data) as stated in 40 CFR 68.152. In this case, submit 2 copies of this form, one sanitized and one unsanitized. Please indicate here whether this form is sanitized or unsanitized.

Sanitized

Unsanitized

Part III – List the RMP Data Elements which you are claiming CBI that are covered in this substantiation form. List the data element number and its descriptive name, but NOT the actual CBI data. Please note that you may use one substantiation form for more than one data element only if the answers to all of the questions in Part IV are the same for those data elements.

Data Element#	Data Element Name

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Part IV – The following are criteria set forth in 40 CFR 2.204, 2.208 and 2.301 for substantiating CBI claims. Provide answers to each of the following questions to substantiate your claim. If you need additional space, use separate sheets of paper.

(a) For any data elements that you wish to claim CBI that are listed in Part III, please indicate whether your business has previously submitted a CBI claim for this data element to EPA and whether that claim has expired, been waived, or been withdrawn.

(b) What reasonable measures have you taken to protect the confidentiality of the information and do you intend to continue to take these measures?

(c)	Have you disclosed the information to anyone other than a governmental body? If so, why should the information still be considered confidential? If not, is the information reasonably obtainable without your consent? Has EPA or another Federal agency made a determination as to the confidentiality of the information? If so, please attach a copy of the determination.
(d)	Does any statute require public disclosure of the information for which you are claiming CBI? If so, identify the law.

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(e)	information is likely to cause substantial har of those harmful effects, why they should be	Part III, discuss with specificity why release of the m to your competitive position. Explain the nature viewed as substantial, and the causal relationship s. For example, how could your competitors make
		untarily submitted" as defined at 40 CFR 2.201(i)? If end to lessen the Governments's ability to obtain
Part V - Certification (Read and sign after completing all sections) To the best of the undersigned's knowledge, information, and belief formed after reasonable inquiry, the information submitted is true, accurate, and complete.		
Name and official title of owner or operator or senior management official		
Signa	ture (All signatures must be original)	Print Name
Officia	al Title	Date Signed

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### **APPENDIX D. CBI UNSANITIZED DATA ELEMENT FORM**

OMB Control No. 2050-0144 Approval expires XX/XX/XX

# **CBI UNSANITIZED DATA ELEMENT FORM**

If you are claiming Confidential Business Information (CBI) in your RMP, you must submit in paper form both the information being claimed CBI and a substantiation for your claim at the time you submit your redacted or "sanitized" RMP. This form should be used to submit the confidential information. The redacted RMP will be made available to the public in RMP\*Info.

If you need additional space, make a copy of page 2 of this form.

#### Burden Statement

The public reporting and recordkeeping burden for this collection of information is estimated to average from 9.5 hours per response. Send comments on the Agency's need for this information, the accuracy of the provided burden estimates, and any suggested methods for minimizing respondent burden, including through the use of automated collection techniques to the Director, Collection Strategies Division, U.S. Environmental Protection Agency (2822T), 1200 Pennsylvania Ave., NW, Washington, D.C. 20460. Include the OMB control number in any correspondence. Do not send the completed form to this address.

#### Part I. Facility Identification Information

The information given here should correspond to the information that you filled out in the registration section of your RMP. If you have an EPA Facili ty ID#, please include this information. You will have received the number after your first submission.

a. Facility Name:			
b. EPA Facility II	D # (if assigned):	]0 - 0000 - 0000	
c. Facility Location	on Address:		
d. City, State and	I Zip Code:		
e. Dun and Brads	street Number:		
Part II - Information claimed as CBI Please list the data element number(s) from the RMP form (paper form or electronic form), the name(s) of the element(s) you are claiming CBI, and the actual CBI data.			
Data Element Number	Name of Data Element	RMP Data Claimed as CBI	

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Data Element Number	Name of Data Element	RMP Data Claimed as CBI

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