

## Toxic Chemical or Pollutant Reduction Program Review

Name(s): \_\_\_\_\_

Division \_\_\_\_\_ Program or Sub-program \_\_\_\_\_

Category: Combustion & Petroleum By-Products Category

1. **Briefly describe how your program or sub-program is addressing the chemicals in this category, and share some of those ways toxic chemical or pollutant reductions are happening? If insufficient data or information, what kind?**

2. **What chemicals in this category does the (Sub-) program address?** (check all that apply – see reverse side)  
Chemicals checked (CC)\_\_\_\_ None (NO)\_\_\_\_

*Note: If you checked None above, you are done with survey for this category.*

3. **What sources does the (sub-)program address?** (check all that apply)

Large industries (LI)\_\_\_\_ Medium businesses (MB)\_\_\_\_ Small businesses (SB)\_\_\_\_ Households(HH)\_\_\_\_  
Farms/Ranches(FR)\_\_\_\_ All(AL)\_\_\_\_ None(NO)\_\_\_\_

4. **What source types does the (sub-)program address?** (check all that apply)

PS = Point source\_\_\_\_ Non-point source(NP)\_\_\_\_ Upstream/pollution prevention(US)\_\_\_\_  
In process (IP)\_\_\_\_ Downstream/end of pipe(DS)\_\_\_\_ None(NO)\_\_\_\_

5. **What is the estimate percentage of geographic coverage under this (Sub-)program?**

Statewide(SW)\_\_\_\_ Regional coverage(RC)\_\_\_\_ Local coverage(LC)\_\_\_\_ Airshed(AS)\_\_\_\_ Basin-wide(BW)\_\_\_\_  
Watershed-wide(WW)\_\_\_\_

6. **How would you best characterize the regulatory and enforcement tools for this (Sub-)program?**

Adequate regulatory authority (RA)\_\_\_\_ Insufficient regulatory authority(IR) (check one)  
Adequate enforcement authority(EA)\_\_\_\_ Insufficient enforcement authority(IE)\_\_\_\_ (check one)

7. **What are the major activities of this (Sub-)program?** (check all that apply)

Compliance inspection(CI)\_\_\_\_ Permit(PT)\_\_\_\_ Complaint(CT)\_\_\_\_ Technical assistance(TA)\_\_\_\_  
Other education(OE)\_\_\_\_ Pollution Reduction(PR)\_\_\_\_ Modeling/Assessment(MA)\_\_\_\_ Monitoring/Evaluation(ME)\_\_\_\_

8. **How does the (Sub-)program measure toxic chemical or pollutant reduction?** (check all that apply)

Amount stored(AS)\_\_\_\_ Release potential(RP)\_\_\_\_ Environmental/health exposure (EX)\_\_\_\_ None(NO)\_\_\_\_

9. **Are there adequate resources to support the (Sub-)program?**

Fully staffed(FS)\_\_\_\_ Partially staffed(PS)\_\_\_\_ No staffing(NS)\_\_\_\_ (check one)  
Fully funded(FF)\_\_\_\_ Partially funded(PF)\_\_\_\_ No dedicated funding(NO)\_\_\_\_ (check one)

10. **Based on your experience, how effective is this program reducing toxic chemicals, wastes and/or pollutants listed on the Focus list for this category?** (check one)

Highly effective(HE)\_\_\_\_ Moderately effective(ME)\_\_\_\_ Somewhat effective(SE)\_\_\_\_ Not effective(NE)\_\_\_\_

11. **In your professional judgment, describe (if any) more effective ways to reduce toxic chemicals or pollutants given the current resources available in your (Sub-)program?**

Combustion & Petroleum By-Products		
Addressed	CAS	Chemical Name or Group
	N/A	Polycyclic Aromatic Hydrocarbons (PAHs) - as group
	83-32-9	<i>Acenaphthene</i>
	208-96-8	<i>Acenaphthylene</i>
	120-12-7	<i>Anthracene</i>
	56-55-3	<i>Benz(a)anthracene</i>
	50-32-8	<i>Benzo(a)pyrene</i>
	205-99-2	<i>Benzo(b)fluoranthene</i>
	191-24-2	<i>Benzo(g,h,i)perylene</i>
	205-82-3	<i>Benzo(j)fluoranthene</i>
	207-08-9	<i>Benzo(k)fluoranthene</i>
	189-55-9	<i>Benzo(r,s,t)pentaphene</i>
	218-01-9	<i>Chrysene [benzo(a)phenanthrene]</i>
	226-36-8	<i>Dibenz(a,h)acridine</i>
	53-70-3	<i>Dibenz(a,h)anthracene</i>
	224-42-0	<i>Dibenz(a,j)acridine</i>
	5385-75-1	<i>Dibenzo(a,e)fluoranthene</i>
	192-65-4	<i>Dibenzo(a,e)pyrene</i>
	189-64-0	<i>Dibenzo(a,h)pyrene</i>
	191-30-0	<i>Dibenzo(a,l)pyrene</i>
	194-59-2	<i>Dibenzo(c,g)carbazole, 7H-</i>
	206-44-0	<i>Fluoranthene [Benzo(j,k)fluorene]</i>
	86-73-7	<i>Fluorene</i>
	193-39-5	<i>Indeno(1,2,3-cd)pyrene</i>
	56-49-5	<i>Methylcholanthrene, 3-</i>
	3697-24-3	<i>Methylchrysene, 5-</i>
	832-69-9	<i>Methylphenanthrene, 1-</i>
	2381-21-7	<i>Methylpyrene, 1-</i>
	5522-43-0	<i>Nitropyrene, 1-</i>
	85-01-8	<i>Phenanthrene</i>
	129-00-0	<i>Pyrene</i>
	N/A	Dioxins & Furans - as group
	1746-01-6	<i>2,3,7,8-TCDD {as total TEQ}</i>
	Multiple	Naphthalenes