

Table 1: Annual Respondent Burden and Cost for NSPS for Sewage Sludge Treatment Plant Incinerators (40 CFR part 60, subpart O) (Renewal)

REPORTING/RECORDKEEPING REQUIREMENT	(A) Respondent Hours per Occurrence (Technical hours)	(B) Number of Occurrences per Respondent per Year	(C) Hours per Respondent per Year (C=A x B)	(D) Number of Respondents per Year	(E) Technical Hours per Year @ \$98.20 (E=C x D)	(F) Management Hours per Year @ \$114.49 (F= E x 0.05)	(G) Clerical Hours per Year @ \$48.53 (G= E x 0.1)	Total Labor Costs per Year ^a
1. APPLICATIONS	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2. SURVEY AND STUDIES	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
3. REPORTING REQUIREMENTS								
A. Read Instructions ^{b,c}	1.00	1.00	1.00	0.40	0.40	0.02	0.04	\$43.51
B. Required Activities								
New Sources								
Initial performance test ^{b,c}	72.00	1.00	72.00	0.40	28.80	1.44	2.88	\$3,132.79
Demonstration of monitoring system	Included in performance test							
Repeat of performance test ^d	72.00	1.00	72.00	0.08	5.76	0.29	0.58	\$626.56
C. Create Information				Included in 3B				
D. Gather Existing Information	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E. Write Report								
New Sources								
Notification of construction/reconstruction ^{b,c}	2.00	1.00	2.00	0.40	0.80	0.04	0.08	\$87.02
Notification of physical and operational changes ^e	2.00	1.00	2.00	0.40	0.80	0.04	0.08	\$87.02
Notification of demonstration of CMS ^{b,c}	40.00	1.00	40.00	0.40	16.00	0.80	1.60	\$1,740.44
Notification of actual startup ^{b,c}	2.00	1.00	2.00	0.40	0.80	0.04	0.08	\$87.02
Notification of initial performance test ^{b,c}	2.00	1.00	2.00	0.40	0.80	0.04	0.08	\$87.02
Performance test report				Included in 3B				
Semiannual reports of excess emissions ^{f,g}	40.00	2.00	80.00	112.00	8960.00	448.00	896.00	\$974,646.40
			Total Reporting Hours by Labor Category		9014.16	450.71	901.42	
TOTAL REPORTING BURDEN						10,366.3	Hours	\$980,538
5. RECORDKEEPING REQUIREMENTS								
A. Read Instructions				Included in 4E				
B. Plan Activities				Included in 4E				
C. Implement Activities				Included in 4E				
D. Develop Record System ^h	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
E. Time to Enter Information								
Record of daily production rate and hours of operation ^{g,h}	8.00	1.00	8.00	112.00	896.00	44.80	89.60	\$97,464.64
Records of startup, shutdown and malfunction ^g	8.00	1.00	8.00	112.00	896.00	44.80	89.60	\$97,464.64
Records of performance test data ^{b,c,i}	80.00	1.00	80.00	0.40	32.00	1.60	3.20	\$3,480.88
			Total Reporting Hours by Labor Category		1,824	91	182	
TOTAL RECORDKEEPING BURDEN						2,097.6	Hours	\$198,410
TOTAL ANNUAL BURDEN						12,464	Hours	\$1,178,948

Assumptions:

^a This ICR uses the following labor rates: \$114.49 per hour for Executive, Administrative, and Managerial labor; \$98.20 per hour for Technical labor, and \$48.53 per hour for Clerical labor. These rates are the United States Department of Labor, Bureau of Labor Statistics, September 2009, "Table 2. Civilian Workers, by occupational and industry group." The rates are from column 1, "Total compensation." The rate has been increased by 110 percent to account for the benefit packages available to those employed by private industry.

^b Assume that there will be 1.2 new, modified, or reconstructed units constructed over the next three years or 0.4 source per year.

^c Assume that this is a one-time-only cost.

^d Assume that 20 percent would have to repeat the performance testing due to failure.

^e Assume that 0.4 facility will have a physical or operational change.

^f Assume that it will take 40 hours to write semiannual reports.

^g Assume that there are 112 facilities subject to this rule.

^h Assume that it will take eight hours per year to record daily gathering of monitoring data (which have been automatically recorded).

ⁱ Assume that it will take 80 hours per year to record performance test data.

**Table 2: Annual Agency Burden and Cost for Sewage Sludge Treatment Plant Incinerators
(40 CFR part 60, subpart O) (Renewal)**

REPORTING/RECORDKEEPING REQUIREMENT	(A) EPA Hours per Occurrence (Technical hours)	(B) Number of Occurrences per Plant per Year	(C) EPA Hours per Year (C=A x B)	(D) Plants per Year	(E) Technical Hours per Year @ \$46.22 (E=C x D)	(F) Management Hours per Year @ \$62.27 (F= E x 0.05)	(G) Clerical Hours per Year @ \$25.01 (G= E x 0.1)	Costs per Year ^a
Initial Performance Test ^{b,c}	24.00	1.00	24.00	0.40	24.00	1.20	2.40	\$1,244.00
Repeat initial performance test								
Retesting preparation ^{b,c,d}	24.00	1.00	24.00	0.08	1.92	0.10	0.19	\$99.52
Report Review								
Notification of construction/ reconstruction ^{b,c}	2.00	1.00	2.00	0.40	0.80	0.04	0.08	\$41.47
Notification of physical and operational changes ^e	2.00	1.00	2.00	0.40	0.80	0.04	0.08	\$41.47
Notification of actual startup ^{b,c}	0.50	1.00	0.50	0.40	0.20	0.01	0.02	\$10.37
Initial test ^{b,c}	0.50	1.00	0.50	0.40	0.20	0.01	0.02	\$10.37
Repeat performance test	8.00	1.00	8.00	0.40	3.20	0.16	0.32	\$165.87
Semiannual reports ^{f,g}	8.00	2.00	16.00	112.00	1792.00	89.60	179.20	\$92,885.63
TOTAL ANNUAL HOURS/DIRECT PERSONNEL COST					1823.1	91.16	182.31	\$94,498.69
TRAVEL EXPENSES (1 person x 1 plant/yr x 2 day/plant x \$50 per diem) + (\$400/round trip x 1 round trip/yr) =					\$500			
TOTAL LABOR BURDEN and COST (rounded)						2,097	Hours	\$94,999

Assumptions:

- ^a This cost is based on the following hourly labor rates times a 1.6 benefits multiplication factor to account for government overhead expenses: \$62.27 for Managerial (GS-13, Step 5, \$38.92 x 1.6), \$46.22 for Technical (GS-12, Step 1, \$28.88 x 1.6) and \$25.01 Clerical (GS-6, Step 3, \$15.63 x 1.6). These rates are from the Office of Personnel Management (OPM) "2009 General Schedule" which excludes locality rates of pay.
- ^b Assume that there will be 0.4 new, modified or reconstructed unit constructed per year over the next three years.
- ^c Assume that this is a one-time-only cost.
- ^d Assume that 20 percent would have to repeat the performance testing due to failure.
- ^e Assume that 0.4 source will have a physical or operational change.
- ^f Assume that it will take eight hours to review semiannual reports.
- ^g Assume that there are 112 sources subject to this rule.