

TABLE C.1.2-2.—*Pantex Plant NPDES Permit No. TX0107107 Requirements*

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Flow	001	WWTF	0.65	0.82	NA	NA	Continuous
	002	Z-12-EN	Report	Report	NA	NA	Daily
	003	Z-12-W	Report	Report	NA	NA	Daily
	004	16-1	Report	Report	NA	NA	Daily
	005	NDITCH	Report	Report	NA	NA	Daily
	006	Z-12-S	Report	Report	NA	NA	Daily
	101	12-21	Report	Report	NA	NA	Daily
	102	12-17-N	Report	Report	NA	NA	Daily
	103	11-20	Report	Report	NA	NA	Daily
	104	11-50	Report	Report	NA	NA	Daily
	201	12-84-B1	Report	Report	NA	NA	Daily
	202	12-17-S	Report	Report	NA	NA	Daily
	203	11-38	Report	Report	NA	NA	Daily
	301	12-84-B10	Report	Report	NA	NA	Daily
	302	12-19-S	Report	Report	NA	NA	Daily
	401	12-116R110	Report	Report	NA	NA	Daily
	402	12-19-N	Report	Report	NA	NA	Daily
	501	12-104a-B19	Report	Report	NA	NA	Daily
	502	12-19-CT	Report	Report	NA	NA	Daily
	601	12-104a-B23	Report	Report	NA	NA	Daily
	602	12-43	Report	Report	NA	NA	Daily
	702	12-39	Report	Report	NA	NA	Daily
Ammonia (as N)	001	WWTF	NA	NA	5	10	1/week
Biochemical Oxygen Demand	001	WWTF	NA	NA	30	70	1/week
Chemical Oxygen Demand	002	Z-12-EN	NA	NA	NA	120	1/week
	003	Z-12-W	NA	NA	NA	120	1/week
	004	16-1	NA	NA	NA	120	1/week
	005	NDITCH	NA	NA	NA	200	1/week
	006	Z-12-S	NA	NA	NA	120	1/week
	102	12-17-N	NA	NA	25	50	1/6 months
	103	11-20	NA	NA	25	50	1/month
	104	11-50	NA	NA	25	75	1/month

TABLE C.1.2-2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Chemical Oxygen Demand (cont'd)	202	12-17-S	NA	NA	25	50	1/6 months
	302	12-19-S	NA	NA	25	50	1/6 months
	402	12-19-N	NA	NA	25	50	1/6 months
	502	12-19-CT	NA	NA	25	50	1/6 months
	602	12-43	NA	NA	25	50	1/month
	702	12-39	NA	NA	10	20	1/6 months
Oil & Grease	001	WWTF	NA	NA	NA	15	1/week
	002	Z-12-EN	NA	NA	NA	15	1/week
	003	Z-12-W	NA	NA	NA	15	1/week
	004	16-1	NA	NA	NA	15	1/week
	005	NDITCH	NA	NA	NA	15	1/week
	006	Z-12-S	NA	NA	NA	15	1/week
	102	12-17-N	NA	NA	Report	15	1/6 months
	103	11-20	NA	NA	Report	15	1/month
	104	11-50	NA	NA	Report	15	1/month
	202	12-17-S	NA	NA	Report	15	1/6 months
	302	12-19-S	NA	NA	Report	15	1/6 months
	402	12-19-N	NA	NA	Report	15	1/6 months
	502	12-19-CT	NA	NA	Report	15	1/6 months
	602	12-43	NA	NA	Report	15	1/month
	702	12-39	NA	NA	Report	15	1/6 months
pH	001	WWTF	NA	NA	NA	6.0-10.0	1/week
	002	Z-12-EN	NA	NA	NA	6.0-10.0	1/week
	003	Z-12-W	NA	NA	NA	6.0-10.0	1/week
	004	16-1	NA	NA	NA	6.0-10.0	1/week
	005	NDITCH	NA	NA	NA	6.0-9.0	1/week
	006	Z-12-S	NA	NA	NA	6.0-10.0	1/week
	101	12-21	NA	NA	NA	6.0-9.0	1/6 months
	102	12-17-N	NA	NA	NA	6.0-9.0	1/6 months
	103	11-20	NA	NA	NA	6.0-9.0	1/month
	104	11-50	NA	NA	NA	6.0-9.0	1/month
	201	12-84-B1	NA	NA	NA	6.0-9.0	1/6 months
	202	12-17-S	NA	NA	NA	6.0-9.0	1/6 months
	203	11-38	NA	NA	NA	6.0-9.0	1/6 months

TABLE C.1.2-2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
pH (cont'd)	301	12-84-B10	NA	NA	NA	6.0-9.0	1/6 months
	302	12-19-S	NA	NA	NA	6.0-9.0	1/6 months
	401	12-116R110	NA	NA	NA	6.0-9.0	1/6 months
	402	12-19-N	NA	NA	NA	6.0-9.0	1/6 months
	501	12-104a-B19	NA	NA	NA	6.0-9.0	1/6 months
	502	12-19-CT	NA	NA	NA	6.0-9.0	1/6 months
	601	12-104a-B23	NA	NA	NA	6.0-9.0	1/6 months
	602	12-43	NA	NA	NA	6.0-9.0	1/month
	702	12-39	NA	NA	NA	6.0-9.0	1/6 months
Total Suspended Solids	001	WWTF	NA	NA	30	60	1/week
	102	12-17-N	NA	NA	20	70	1/6 months
	103	11-20	NA	NA	10	15	1/month
	104	11-50	NA	NA	25	75	1/month
	202	12-17-S	NA	NA	10	15	1/6 months
	302	12-19-S	NA	NA	25	50	1/6 months
	402	12-19-N	NA	NA	25	100	1/6 months
	502	12-19-CT	NA	NA	10	15	1/6 months
	602	12-43	NA	NA	20	30	1/month
	702	12-39	NA	NA	10	15	1/6 months
Total Dissolved Solids	103	11-20	NA	NA	Report	Report	1/month
	104	11-50	NA	NA	Report	Report	1/month
	602	12-43	NA	NA	Report	Report	1/month
Antimony (T)	001	WWTF	NA	NA	Report	Report	1/6 months
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	103	11-20	NA	NA	Report	Report	1/month
	104	11-50	NA	NA	Report	Report	1/month
	602	12-43	NA	NA	Report	Report	1/month
Arsenic (T)	001	WWTF	NA	NA	0.019	0.030	1/6 months
	002	Z-12-EN	NA	NA	0.019	0.030	1/month
	003	Z-12-W	NA	NA	0.019	0.030	1/month
	004	16-1	NA	NA	0.019	0.030	1/month

TABLE C.1.2-2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Arsenic (T) (cont'd)	006	Z-12-S	NA	NA	0.019	0.030	1/month
	103	11-20	NA	NA	0.172	0.311	1/month
	104	11-50	NA	NA	0.172	0.311	1/month
	602	12-43	NA	NA	0.172	0.311	1/month
Beryllium (T)	001	WWTF	NA	NA	Report	Report	1/6 months
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	103	11-20	NA	NA	Report	Report	1/month
	104	11-50	NA	NA	Report	Report	1/month
	602	12-43	NA	NA	Report	Report	1/month
Cadmium (T)	001	WWTF	NA	NA	Report	Report	1/6 months
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	103	11-20	NA	NA	Report	Report	1/month
	104	11-50	NA	NA	Report	Report	1/month
	602	12-43	NA	NA	Report	Report	1/month
Chromium (T)	001	WWTF	NA	NA	0.043	0.055	1/6 months
	002	Z-12-EN	NA	NA	0.043	0.055	1/month
	003	Z-12-W	NA	NA	0.043	0.055	1/month
	004	16-1	NA	NA	0.043	0.055	1/month
	006	Z-12-S	NA	NA	0.043	0.055	1/month
	103	11-20	NA	NA	0.009	0.012	1/month
	104	11-50	NA	NA	0.009	0.012	1/month
	602	12-43	NA	NA	0.009	0.012	1/month
Cobalt (T)	001	WWTF	NA	NA	Report	Report	1/6 months
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	103	11-20	NA	NA	Report	Report	1/month

TABLE C.1.2–2.—Pantex Plant NPDES Permit No. TX0107107 Requirements–Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Cobalt (T) (cont'd)	104	11-50	NA	NA	Report	Report	1/month
	602	12-43	NA	NA	Report	Report	1/month
Copper (T)	001	WWTF	NA	NA	0.033	0.046	1/6 months
	002	Z-12-EN	NA	NA	0.033	0.046	1/month
	003	Z-12-W	NA	NA	0.033	0.046	1/month
	004	16-1	NA	NA	0.033	0.046	1/month
	006	Z-12-S	NA	NA	0.033	0.046	1/month
	103	11-20	NA	NA	0.067	Report	1/month
	104	11-50	NA	NA	0.067	Report	1/month
	602	12-43	NA	NA	0.067	Report	1/month
Cyanide (T)	101	12-21	NA	NA	NA	<0.02	1/6 months
	201	12-84-B1	NA	NA	NA	<0.02	1/6 months
	301	12-84-B10	NA	NA	NA	<0.02	1/6 months
	401	12-116-R110	NA	NA	NA	<0.02	1/6 months
	501	12-104a-B19	NA	NA	NA	<0.02	1/6 months
	601	12-104a-B23	NA	NA	NA	<0.02	1/6 months
Cyanide (amenable)	101	12-21	NA	NA	NA	<0.02	1/6 months
	201	12-84-B1	NA	NA	NA	<0.02	1/6 months
	301	12-84-B10	NA	NA	NA	<0.02	1/6 months
	401	12-116-R110	NA	NA	NA	<0.02	1/6 months
	501	12-104a-B19	NA	NA	NA	<0.02	1/6 months
	601	12-104a-B23	NA	NA	NA	<0.02	1/6 months
Lead (T)	001	WWTF	NA	NA	0.172	0.229	1/6 months
	002	Z-12-EN	NA	NA	0.172	0.229	1/month
	003	Z-12-W	NA	NA	0.172	0.229	1/month
	004	16-1	NA	NA	0.172	0.229	1/month
	006	Z-12-S	NA	NA	0.172	0.229	1/month
	103	11-20	NA	NA	0.230	Report	1/month
	104	11-50	NA	NA	0.230	Report	1/month
	602	12-43	NA	NA	0.230	Report	1/month
Manganese (T)	001	WWTF	NA	NA	0.439	0.557	1/6 months
	002	Z-12-EN	NA	NA	0.439	0.557	1/month
	003	Z-12-W	NA	NA	0.439	0.557	1/month
	004	16-1	NA	NA	0.439	0.557	1/month

TABLE C.1.2-2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Manganese (T) (cont'd)	006	Z-12-S	NA	NA	0.439	0.557	1/month
	103	11-20	NA	NA	0.239	0.290	1/month
	104	11-50	NA	NA	0.239	0.290	1/month
	602	12-43	NA	NA	0.239	0.290	1/month
Mercury (T)	001	WWTF	NA	NA	0.0003	0.0007	1/6 months
	002	Z-12-EN	NA	NA	0.0003	0.0007	1/month
	003	Z-12-W	NA	NA	0.0003	0.0007	1/month
	004	16-1	NA	NA	0.0003	0.0007	1/month
	006	Z-12-S	NA	NA	0.0003	0.0007	1/month
	103	11-20	NA	NA	0.0004	0.0005	1/month
	104	11-50	NA	NA	0.0004	0.0005	1/month
	602	12-43	NA	NA	0.0004	0.0005	1/month
Molybdenum (T)	001	WWTF	NA	NA	Report	Report	1/month
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	103	11-20	NA	NA	Report	Report	1/month
	104	11-50	NA	NA	Report	Report	1/month
	602	12-43	NA	NA	Report	Report	1/month
Nickel (T)	001	WWTF	NA	NA	0.042	0.055	1/6 months
	002	Z-12-EN	NA	NA	0.042	0.055	1/month
	003	Z-12-W	NA	NA	0.042	0.055	1/month
	004	16-1	NA	NA	0.042	0.055	1/month
	006	Z-12-S	NA	NA	0.042	0.055	1/month
	103	11-20	NA	NA	0.030	0.030	1/month
	104	11-50	NA	NA	0.030	0.030	1/month
	602	12-43	NA	NA	0.030	0.030	1/month
Selenium (T)	001	WWTF	NA	NA	Report	Report	1/6 months
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	103	11-20	NA	NA	Report	Report	1/month

TABLE C.1.2-2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Selenium (T)	104	11-50	NA	NA	Report	Report	1/month
(cont'd)	602	12-43	NA	NA	Report	Report	1/month
Silver (T)	001	WWTF	NA	NA	Report	Report	1/6 months
	002	Z-12-EN	NA	NA	Report	Report	1/month
	003	Z-12-W	NA	NA	Report	Report	1/month
	004	16-1	NA	NA	Report	Report	1/month
	006	Z-12-S	NA	NA	Report	Report	1/month
	101	12-21	NA	NA	0.01	Report	1/6 months
	103	11-20	NA	NA	Report	Report	1/month
	104	11-50	NA	NA	Report	Report	1/month
	201	12-84-B1	NA	NA	0.01	Report	1/6 months
	301	12-84-B10	NA	NA	0.01	Report	1/6 months
	401	12-116-R110	NA	NA	0.01	Report	1/6 months
	501	12-104a-B19	NA	NA	0.01	Report	1/6 months
	601	12-104a-B23	NA	NA	0.01	Report	1/6 months
	602	12-43	NA	NA	Report	Report	1/month
	Thallium (T)	001	WWTF	NA	NA	0.372	0.588
002		Z-12-EN	NA	NA	0.372	0.588	1/month
003		Z-12-W	NA	NA	0.372	0.588	1/month
004		16-1	NA	NA	0.372	0.588	1/month
006		Z-12-S	NA	NA	0.372	0.588	1/month
103		11-20	NA	NA	0.300	Report	1/month
104		11-50	NA	NA	0.300	Report	1/month
602		12-43	NA	NA	0.300	Report	1/month
Titanium (T)	001	WWTF	NA	NA	0.372	0.727	1/6 months
	002	Z-12-EN	NA	NA	0.372	0.727	1/month
	003	Z-12-W	NA	NA	0.372	0.727	1/month
	004	16-1	NA	NA	0.372	0.727	1/month
	006	Z-12-S	NA	NA	0.372	0.727	1/month
	103	11-20	NA	NA	0.250	0.334	1/month
	104	11-50	NA	NA	0.250	0.334	1/month
	602	12-43	NA	NA	0.250	0.334	1/month
Zinc (T)	001	WWTF	NA	NA	0.115	0.142	1/6 months
	002	Z-12-EN	NA	NA	0.115	0.142	1/month

TABLE C.1.2–2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
Zinc (T) (cont'd)	003	Z-12-W	NA	NA	0.115	0.142	1/month
	004	16-1	NA	NA	0.115	0.142	1/month
	006	Z-12-S	NA	NA	0.115	0.142	1/month
	103	11-20	NA	NA	0.149	0.190	1/month
	104	11-50	NA	NA	0.149	0.190	1/month
	602	12-43	NA	NA	0.149	0.190	1/month
HMX	001	WWTF	NA	NA	0.1	Report	1/6 months
	002	Z-12-EN	NA	NA	0.1	Report	1/month
	003	Z-12-W	NA	NA	0.1	Report	1/month
	004	16-1	NA	NA	0.1	Report	1/month
	006	Z-12-S	NA	NA	0.1	Report	1/month
	103	11-20	NA	NA	0.2	Report	1/month
	104	11-50	NA	NA	0.2	Report	1/month
	602	12-43	NA	NA	0.2	Report	1/month
RDX	001	WWTF	NA	NA	0.2	Report	1/6 months
	002	Z-12-EN	NA	NA	0.2	Report	1/month
	003	Z-12-W	NA	NA	0.2	Report	1/month
	004	16-1	NA	NA	0.2	Report	1/month
	006	Z-12-S	NA	NA	0.2	Report	1/month
	103	11-20	NA	NA	0.5	Report	1/month
	104	11-50	NA	NA	0.5	Report	1/month
	602	12-43	NA	NA	0.5	Report	1/month
PETN	001	WWTF	NA	NA	0.4	Report	1/6 months
	002	Z-12-EN	NA	NA	0.4	Report	1/month
	003	Z-12-W	NA	NA	0.4	Report	1/month
	004	16-1	NA	NA	0.4	Report	1/month
	006	Z-12-S	NA	NA	0.4	Report	1/month
	103	11-20	NA	NA	0.8	Report	1/month
	104	11-50	NA	NA	0.8	Report	1/month
	602	12-43	NA	NA	0.8	Report	1/month
TNT	001	WWTF	NA	NA	0.02	Report	1/6 months
	002	Z-12-EN	NA	NA	0.02	Report	1/month
	003	Z-12-W	NA	NA	0.02	Report	1/month
	004	16-1	NA	NA	0.02	Report	1/month

TABLE C.1.2-2.—Pantex Plant NPDES Permit No. TX0107107 Requirements-Continued

PARAMETER	OUTFALL	SAMPLE ID	DISCHARGE LIMITATIONS				FREQUENCY
			QUANTITY (MGD)		QUALITY (mg/L)		
			DAILY AVG	DAILY MAX	DAILY AVG	DAILY MAX	
TNT (cont'd)	006	Z-12-S	NA	NA	0.02	Report	1/month
	103	11-20	NA	NA	0.04	Report	1/month
	104	11-50	NA	NA	0.04	Report	1/month
	602	12-43	NA	NA	0.04	Report	1/month

NA - Not Applicable

(T) - Total

WWTF - Wastewater Treatment Facility

Source: EPA 1996