



South Coast Air Quality Management District



21865 Copley Drive, Diamond Bar, CA 91765-4178
(909) 396-2000 • www.aqmd.gov

January 15, 2015

Mr. Gerardo Rios
U.S. EPA, Region IX
75 Hawthorne Street, Air 3
San Francisco, CA 94105

Re: Transmittal of Final Title V Renewal Permit, Facility ID 800075
Los Angeles Department of Water and Power Scattergood Generation Station

Dear Mr. Rios:

Enclosed is the final Title V renewal permit issued by the South Coast Air Quality Management District (SCAQMD) under Application No. 547004 for Los Angeles Department of Water and Power located at 12700 Vista Del Mar, Playa Del Rey, CA 90293. The draft Title V permit was submitted to USEPA on September 23, 2014 for the 45-day review concurrent with a 30-day public notice published on September 30, 2014. No comments from USEPA or the public were received. Thus, the draft permit is now eligible for issuance. The Title V permit renewal is issued for a new 5 year term beginning January 15, 2015 and ending on January 14, 2020.

Questions concerning this Title V renewal permit should be directed to Mr. Li Chen at (909) 396-2426 or lchen@aqmd.gov.

Sincerely,

Andrew Lee, P.E.
Senior Air Quality Engineering Manager
Energy/Public Services/Waste Management/Terminal

AYL:CDT:JTY:LC
Enclosures: Facility Permit



South Coast Air Quality Management District

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January 15, 2015

Mr. Mark Sedlacek
Director of Environmental Affairs
Los Angeles Department of Water and Power
111 N. Hope Street, Room 1050
Los Angeles, CA 90012

Re: Title V Renewal, Facility ID 800075, LADWP Scattergood Generation Station

Dear Mr. Sedlacek:

Please find enclosed your Title V Permit renewal for equipment located at 12700 Vista Del Mar, Playa Del Rey, CA 90293. The Title V permit renewal was submitted to USEPA on September 23, 2014 for their 45-day review concurrent with a 30-day public notice published on September 30, 2014. No comments from USEPA or the public were received. Comments from LADWP were received and those administrative comments are adopted in the Title V permit. The Title V permit renewal is issued for a new 5 year term beginning January 15, 2015 and ending on January 14, 2020.

Please review all sections of your Title V renewal permit carefully and make sure that you comply with all requirements including, but not limited to, the monitoring, recordkeeping, and reporting requirements (i.e. semi-annual monitoring report, annual compliance certification report, etc.) specified in this Title V permit. All reporting forms can be downloaded from the SCAQMD website at <http://www.aqmd.gov/home/library/documents-support-material/technical-guidance-for-title-v/title-v-forms>.

Thank you for providing the necessary information that allowed the SCAQMD to complete the evaluation of your facility with respect to the federal Title V requirements. Questions concerning your Title V permit should be directed to Mr. Li Chen at (909) 396-2426 or lchen@aqmd.gov.

Sincerely,

Andrew Lee, P.E.
Senior Air Quality Engineering Manager
Energy/Public Services/Waste Management/Terminal
Engineering and Compliance

AYL:CDT:JTY:LC
Enclosures: Facility Permit
cc: Danny Luong, SCAQMD Compliance



FACILITY PERMIT TO OPERATE

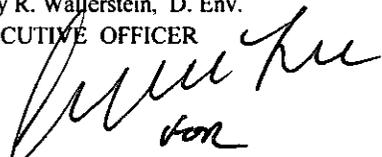
**LA CITY, DWP SCATTERGOOD GENERATING STN
12700 VISTA DEL MAR
PLAYA DEL REY, CA 90293**

NOTICE

IN ACCORDANCE WITH RULE 206, THIS PERMIT TO OPERATE OR A COPY THEREOF MUST BE KEPT AT THE LOCATION FOR WHICH IT IS ISSUED.

THIS PERMIT DOES NOT AUTHORIZE THE EMISSION OF AIR CONTAMINANTS IN EXCESS OF THOSE ALLOWED BY DIVISION 26 OF THE HEALTH AND SAFETY CODE OF THE STATE OF CALIFORNIA OR THE RULES OF THE SOUTH COAST AIR QUALITY MANAGEMENT DISTRICT. THIS PERMIT SHALL NOT BE CONSTRUED AS PERMISSION TO VIOLATE EXISTING LAWS, ORDINANCES, REGULATIONS OR STATUTES OF ANY OTHER FEDERAL, STATE OR LOCAL GOVERNMENTAL AGENCIES.

Barry R. Wallerstein, D. Env.
EXECUTIVE OFFICER

By 
Mohsen Nazemi, P.E.
Deputy Executive Officer
Engineering & Compliance



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

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**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION A: FACILITY INFORMATION

LEGAL OWNER &/OR OPERATOR: LA CITY, DWP SCATTERGOOD GENERATING STN

LEGAL OPERATOR (if different than owner):

EQUIPMENT LOCATION: 12700 VISTA DEL MAR
PLAYA DEL REY, CA 90293-8599

MAILING ADDRESS: P.O. BOX 51111 RM 1050- B. MOORE
LOS ANGELES, CA 90051-0100

RESPONSIBLE OFFICIAL: RANDY S. HOWARD

TITLE: SENIOR ASSISTANT GENERAL MANAGER

TELEPHONE NUMBER: (213) 367-0381

CONTACT PERSON: MARK J. SEDLACEK

TITLE: DIRECTOR OF ENVIRONMENTAL SERVICES

TELEPHONE NUMBER: (213) 367-0403

TITLE V PERMIT ISSUED: January 15, 2015

TITLE V PERMIT EXPIRATION DATE: January 14, 2020

TITLE V	RECLAIM
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YES	NOx: YES
	SOx: NO
	CYCLE: 1
	ZONE: COASTAL



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NO_x RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NO_x emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NO _x RTC Initially Allocated	NO _x RTC ¹ Holding as of 01/15/2015 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
7/2012 6/2013	Coastal	0	41989	0
1/2013 12/2013	Coastal	216401	136999	0
7/2013 6/2014	Coastal	0	87126	0
1/2014 12/2014	Coastal	216401	271162	0
7/2014 6/2015	Coastal	0	87126	0
1/2015 12/2015	Coastal	216401	271162	0
7/2015 6/2016	Coastal	0	87126	0
1/2016 12/2016	Coastal	216401	271162	0
7/2016 6/2017	Coastal	0	87126	0
1/2017 12/2017	Coastal	216401	271162	0
7/2017 6/2018	Coastal	0	87126	0
1/2018 12/2018	Coastal	216401	271162	0
7/2018 6/2019	Coastal	0	87126	0
1/2019 12/2019	Coastal	216401	271162	0
7/2019 6/2020	Coastal	0	87126	0
1/2020 12/2020	Coastal	216401	271162	0
7/2020 6/2021	Coastal	0	87126	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 01/15/2015 (pounds)	Non-Tradable ² Non-Usable RTCs (pounds)
1/2021 12/2021	Coastal	216401	271162	0
7/2021 6/2022	Coastal	0	87126	0
1/2022 12/2022	Coastal	216401	271162	0
7/2022 6/2023	Coastal	0	87126	0
1/2023 12/2023	Coastal	216401	271162	0
7/2023 6/2024	Coastal	0	87126	0
1/2024 12/2024	Coastal	216401	271162	0
7/2024 6/2025	Coastal	0	87126	0
1/2025 12/2025	Coastal	216401	271162	0
7/2025 6/2026	Coastal	0	87126	0
1/2026 12/2026	Coastal	216401	271162	0
7/2026 6/2027	Coastal	0	87126	0
1/2027 12/2027	Coastal	216401	271162	0
7/2027 6/2028	Coastal	0	87126	0
1/2028 12/2028	Coastal	216401	271162	0
7/2028 6/2029	Coastal	0	87126	0
1/2029 12/2029	Coastal	216401	271162	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



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LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of NOx RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. Total NOx emission shall not exceed such annual allocations unless the operator obtains RTCs corresponding to the facility's increased emissions in compliance with Rules 2005 and 2007.

The level of Starting Allocation plus Non-Tradable Credits used to determine compliance with Rule 2005(c)(4) and applicability of Rule 2005(e) - Trading Zone Restrictions is listed on the last page of this Section.

The following table lists the annual allocations that were issued to this facility and the amounts of RTCs held by this facility on the day of printing this Section.

RECLAIM POLLUTANT ANNUAL ALLOCATION (POUNDS)

Year Begin End (month/year)	Zone	NOx RTC Initially Allocated	NOx RTC ¹ Holding as of 01/15/2015 (pounds)	Non-Tradable ²
				Non-Usable RTCs (pounds)
7/2029 6/2030	Coastal	0	87126	0
1/2030 12/2030	Coastal	216401	271162	0

Footnotes:

1. This number may change due to pending trades, emissions reported under Quarterly Certification of Emissions Report (QCER) and Annual Permit Emission Program (APEP) Report required pursuant to Rule 2004, or deductions made pursuant to Rule 2010(b). The most recent total RTC information can be obtained from the District's RTC Listing.
2. The use of such credits is subject to restrictions set forth in paragraph (f)(1) of Rule 2002.



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION B: RECLAIM ANNUAL EMISSION ALLOCATION

The annual allocation of RECLAIM Trading Credits (RTCs) for this facility is calculated pursuant to Rule 2002. If the facility submits a permit application to increase in an annual allocation to a level greater than the facility's starting Allocation plus Non-Tradable credits as listed below, the application will be evaluated for compliance with Rule 2005 (c)(4). Rule 2005 (e) - Trading Zone Restrictions applies if an annual allocation is increased to a level greater than the facility's Starting Allocation plus Non-Tradable Credits:

Year		Zone	NOx RTC	Non-Tradable
Begin	End		Starting Allocation	Credits(NTC)
(month/year)			(pounds)	(pounds)
1/1994	12/1994	Coastal	1559677	0



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION C: FACILITY PLOT PLAN

(TO BE DEVELOPED)



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, DIESEL FUEL, CUMMINS, MODEL VT12-700-G5, WITH AFTERCOOLER, TURBOCHARGER, 700 HP A/N: 451827	D19		NOX: PROCESS UNIT**	NOX: 469 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM: (9) [RULE 404, 2-7-1986]	C1.3, D12.3, E116.1, E162.1, E193.9, E262.1, E448.2
Process 6: EXTERNAL COMBUSTION, POWER GENERATION					
BOILER, UNIT NO. 1, DIGESTER GAS, FUEL OIL NO. 6, NATURAL GAS, COMBUSTION ENGINEERING, 1,200,000 POUNDS OF STEAM PER HOUR, WITH OXYGEN CONTENT CONTROL, 1750 MMBTU/HR WITH A/N:	D24	S45 C71 C73	NOX: MAJOR SOURCE**	CO: 500 PPMV (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 5 PPMV (3) [RULE 2009, 1-7-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SO2: (9) [40CFR 72 - Acid Rain Provisions, 11-24-1997]; SOX: 500 PPMV FUEL OIL (5) [RULE 407, 4-2-1982]	A99.1, A195.3, B61.2, C1.5, C1.7, D28.2, D371.1, E193.1, E193.8
GENERATOR, GROSS, 185 MW					
SELECTIVE CATALYTIC REDUCTION, NO. 1-A, HALDOR TOPSOE, WITH 794 CUBIC FEET OF CATALYST VOLUME, WIDTH: 5 FT ; HEIGHT: 25 FT ; LENGTH: 19 FT 9 IN WITH A/N: 374678	C71	D24		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A195.1, D12.4, D12.5, D12.6, D28.4, E73.1, E179.1, E179.2, E193.1
AMMONIA INJECTION, GRID					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6- EXTERNAL COMBUSTION, POWER GENERATION					
SELECTIVE CATALYTIC REDUCTION, NO. 1-B, HALDOR TOPSOE, WITH 794 CUBIC FEET OF CATALYST VOLUME, WIDTH: 5 FT ; HEIGHT: 25 FT ; LENGTH: 19 FT 9 IN WITH A/N: 374678 AMMONIA INJECTION, GRID	C73	D24		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A195.1, D12.4, D12.5, D12.6, D28.4, E73.1, E179.1, E179.2, E193.1
BOILER, UNIT NO. 2, DIGESTER GAS, FUEL OIL NO. 6, NATURAL GAS, COMBUSTION ENGINEERING, 1,200,000 POUNDS OF STEAM PER HOUR, WITH OXYGEN CONTENT CONTROL, 1750 MMBTU/HR WITH A/N: 534826 GENERATOR, GROSS, 185 MW	D20	S45 C75 C77	NOX: MAJOR SOURCE**	CO: 500 PPMV (5) [RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]; CO: 2000 PPMV (5A) [RULE 407, 4-2-1982]; NOX: 5 PPMV (3) [RULE 2009, 1-7-2005]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SO2: (9) [40CFR 72 - Acid Rain Provisions, 11-24-1997]; SOX: 500 PPMV FUEL OIL (5) [RULE 407, 4-2-1982]	A99.1, A195.3, B61.2, C1.5, C1.6, D28.2, D371.1, E193.1

<p>* (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits</p>	<p>(2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements</p>
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: EXTERNAL COMBUSTION, POWER GENERATION					
SELECTIVE CATALYTIC REDUCTION, NO. 2-A, WITH 12 CORMETECH CM27T CATALYST MODULES AND 20 HOLDER TOPSOE MODULES, WITH 638.3 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 5 FT ; HEIGHT: 25 FT ; LENGTH: 19 FT 9 IN WITH A/N: 567306 AMMONIA INJECTION, AQUEOUS AMMONIA INJECTION GRID	C75	D20		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A195.1, D12.4, D12.5, D12.6, D28.4, E73.1, E179.1, E179.2, E193.1
SELECTIVE CATALYTIC REDUCTION, NO. 2-B, WITH 12 CORMETECH CM27T CATALYST MODULES AND 20 HOLDER TOPSOE MODULES, WITH 638.3 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 5 FT ; HEIGHT: 25 FT ; LENGTH: 19 FT 9 IN WITH A/N: 567306 AMMONIA INJECTION, AQUEOUS AMMONIA INJECTION GRID	C77	D20		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A195.1, D12.4, D12.5, D12.6, D28.4, E73.1, E179.1, E179.2, E193.1

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 6: EXTERNAL COMBUSTION, POWER GENERATION					
BOILER, UNIT NO. 3, NATURAL GAS, COMBUSTION ENGINEERING, 3,131,100 POUNDS OF STEAM PER HOUR, SUPERCRITICAL, WITH STAGED COMBUSTION, FLUE GAS RECIRCULATION, OXYGEN CONTENT CONTROL, 4600 MMBTU/HR WITH A/N: 430939 BURNER, NATURAL GAS, COMBUSTION ENGINEERING, FORTY EIGHT, WITH STAGED COMBUSTION, 4600 MMBTU/HR GENERATOR, 460 MW	D22	S46 C79	NOX: MAJOR SOURCE**	CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 0.2 LBS/MMBTU NATURAL GAS (8) [40CFR 60 Subpart D, 10-4-1991]; NOX: 5 PPMV (3) [RULE 2009, 1-7-2005]; PM: 0.1 LBS/MMBTU NATURAL GAS (8) [40CFR 60 Subpart D, 10-4-1991]; PM: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; SO2: (9) [40CFR 72 - Acid Rain Provisions, 11-24-1997]	A63.1, A195.4, E185.1, E193.1
SELECTIVE CATALYTIC REDUCTION, CORMETECH, WITH 3317 CUBIC FEET OF TOTAL CATALYST VOLUME, WIDTH: 5 FT ; HEIGHT: 41 FT ; LENGTH: 65 FT 9 IN WITH A/N: 374680 AMMONIA INJECTION, GRID	C79	D22		NH3: 10 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A195.1, D12.4, D12.5, D12.6, D28.4, E73.2, E179.1, E179.2, E193.1
STACK, COMMON TO BOILER UNITS NO. 1 & 2 A/N: 534825	S45	D20 D24			

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| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 6: EXTERNAL COMBUSTION, POWER GENERATION					
STACK, BOILER, UNIT NO. 3 A/N: 430939	S46	D22			
Process 8: R-219 EXEMPT EQUIPMENT SUBJECT TO SOURCE-SPECIFIC RULES					
RULE 219 EXEMPT EQUIPMENT, COOLING TOWERS	E69				H23.5
RULE 219 EXEMPT EQUIPMENT, ABRASIVE BLASTING EQUIPMENT, GLOVE-BOX, <= 53 FT3, WITH DUST FILTER	E57			PM: (9) [RULE 1140, 2-1-1980; RULE 1140, 8-2-1985; RULE 404, 2-7-1986; RULE 405, 2-7-1986]	D322.1, D381.2, K67.2
RULE 219 EXEMPT EQUIPMENT, COATING EQUIPMENT, PORTABLE, ARCHITECTURAL COATINGS	E68			ROG: (9) [RULE 1113, 7-13-2007; RULE 1113, 9-6-2013; RULE 1171, 2-1-2008; RULE 1171, 5-1-2009]	K67.3
Process 9: OIL/WATER SEPARATION					
STORAGE TANK, FIXED ROOF, LUBE OIL, EMERGENCY, 23000 GALS; DIAMETER: 15 FT ; HEIGHT: 19 FT A/N: 194966	D59				H23.3
SUMP WITH A/N: 194966 PUMP	D60				H23.3
STORAGE TANK, LUBE OIL/WATER, SETTLING TANK FOR OIL/WATER & SOLIDS, 23000 GALS; DIAMETER: 15 FT ; HEIGHT: 19 FT A/N: 194966	D62				H23.3
STORAGE TANK, FIXED ROOF, LUBE OIL/WATER, RETENTION, 274 GALS; DIAMETER: 3 FT ; HEIGHT: 5 FT 2 IN A/N: 194966	D63				H23.3

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| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9: OIL/WATER SEPARATION					
STORAGE TANK, FIXED ROOF, LUBE OIL/WATER, SKIMMER, 2658 GALS; DIAMETER: 7 FT 6 IN; HEIGHT: 8 FT .5 IN A/N: 194966	D64				H23.3
STORAGE TANK, FIXED ROOF, LUBE OIL/WATER, EXCELSIOR, 2805 GALS; WIDTH: 5 FT ; HEIGHT: 7 FT 6 IN; LENGTH: 10 FT A/N: 194966	D65				H23.3
SUMP, RECLAIMED OIL WITH A/N: 194966 PUMP	D66				H23.3
Process 10: AMMONIA STORAGE					
STORAGE TANK, NO. T-1, AQUEOUS AMMONIA 29% SOLUTION, WITH A VAPOR RETURN LINE AND PRV SET AT 25 PSIG, 30000 GALS A/N: 374681	D81	C84			C157.1, E144.1, E193.1
STORAGE TANK, NO. T-2, AQUEOUS AMMONIA 29% SOLUTION, WITH A VAPOR RETURN LINE AND PRV SET AT 25 PSIG, 30000 GALS A/N: 374682	D82	C84			C157.1, E144.1, E193.1
STORAGE TANK, NO. T-3, AQUEOUS AMMONIA 29% SOLUTION, WITH A VAPOR RETURN LINE AND PRV SET AT 25 PSIG, 30000 GALS A/N: 374683	D83	C84			C157.1, E144.1, E193.1

- | | |
|--|--|
| <ul style="list-style-type: none"> * (1) (1A) (1B) Denotes RECLAIM emission factor (3) Denotes RECLAIM concentration limit (5) (5A) (5B) Denotes command and control emission limit (7) Denotes NSR applicability limit (9) See App B for Emission Limits | <ul style="list-style-type: none"> (2) (2A) (2B) Denotes RECLAIM emission rate (4) Denotes BACT emission limit (6) Denotes air toxic control rule limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) (10) See section J for NESHAP/MACT requirements |
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** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 10: AMMONIA STORAGE					
SCRUBBER, SERVING TANKS T-1, T-2, AND T-3, LENGTH: 4 FT ; DIAMETER: 2 FT 2 IN A/N: 374681	C84	D81 D82 D83			E193.1
Process 11: RULE 219 EXEMPT EQUIPMENT SUBJECT TO RULE 222 REPORTING					
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366415	C85			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366416	C86			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366417	C87			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366418	C88			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366419	C89			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366420	C90			PM: (8B) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366423	C91			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
NEGATIVE AIR MACHINE/HEPA FILTER A/N: 366425	C92			PM: (9) [RULE 404, 2-7-1986; RULE 405, 2-7-1986]	
Process 12: CARBON FILTRATION					

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 12: CARBON FILTRATION					
CARBON ADSORBER, SILOXANES REMOVAL FROM DIGESTER GAS, TANK DIA: 12FT, HT: 20FT 8IN A/N: 420874	D93				E440.1
CARBON ADSORBER, V-503, SILOXANES REMOVAL FROM DIGESTER GAS, TANK DIA: 7 FT; HEIGHT: 8 FT A/N: 413434	D94				E440.2
CARBON ADSORBER, V-504, SILOXANES REMOVAL FROM DIGESTER GAS, TANK DIA: 7 FT; HEIGHT: 8 FT A/N: 413435	D95				E440.2

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION D: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D19	1	5	0
D20	2	6	0
D22	4	6	0
D24	1	6	0
S45	4	6	0
S46	5	6	0
E57	5	8	0
D59	5	9	0
D60	5	9	0
D62	5	9	0
D63	5	9	0
D64	6	9	0
D65	6	9	0
D66	6	9	0
E68	5	8	0
E69	5	8	0
C71	1	6	0
C73	2	6	0
C75	3	6	0
C77	3	6	0
C79	4	6	0
D81	6	10	0
D82	6	10	0
D83	6	10	0
C84	7	10	0
C85	7	11	0
C86	7	11	0
C87	7	11	0
C88	7	11	0
C89	7	11	0
C90	7	11	0
C91	7	11	0
C92	7	11	0
D93	8	12	0
D94	8	12	0



**FACILITY PERMIT TO OPERATE
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SECTION D: DEVICE ID INDEX

Device Index For Section D			
Device ID	Section D Page No.	Process	System
D95	8	12	0



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than 100 TONS IN ANY ONE YEAR



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

For the purpose of this condition, the PM shall be defined as particulate matter with aerodynamic diameter of 2.5 microns or less.

For purposes of demonstrating compliance with the 100 ton per year limit the operator shall determine the PM_{2.5} emissions for each of the major sources at the facility by calculating a 12-month rolling average using the following formula:

$$PM_{2.5} = (FF1*EF1 + FF2*EF2 + FF4*EF4 + FF6*EF6 + FF7*EF7 + FFD1*EFD1 + FFD2*EFD2)/2000$$

Where: PM_{2.5} = PM_{2.5} emissions in tons per year

FF1= fuel flow for Unit 1 in MMscf, Unit 1 is a boiler generator, FF2= fuel flow for Unit 2 in MMscf, Unit 2 is a boiler generator, FF4= fuel flow for Unit 4 in MMscf, Unit 4 is the GE 7FA.05 turbine generator, FF6= fuel flow for Unit 6 in MMscf, Unit 6 is the GE LMS100PA turbine generator, FF7= fuel flow for Unit 7 in MMscf, Unit 7 is the GE LMS100PA turbine generator, FFD1= fuel flow for standby generator D19 in Mgal, FFD2 = fuel flow for standby generator D116 in Mgal.

EF1= emission factor for Unit 1 = 7.6 lb/MMscf, EF2= emission factor for Unit 2 = 7.6 lb/MMscf, EF4= emission factor for Unit 4 = 5.10 lb/MMscf, EF6= emission factor for Unit 6 = 6.70 lb/MMscf, EF7= emission factor for Unit 7 = 6.70 lb/MMscf, EFD1= emission factor for D19 = 34.4 lb/Mgal, EFD2 = emission factor for D116 = 0.3 lb/Mgal

Any changes to these emission factors must be approved in advance by the District in writing and be based on unit specific source tests performed using a District approved testing protocol.

LADWP shall submit written reports of the monthly PM_{2.5} compliance demonstrations required by this condition. The report submittal shall be included with the semi-annual Title V report as required under Rule 3004(a)(4)(f). Records of the monthly PM_{2.5} compliance demonstrations shall be maintained on site for at least five years and made available upon SCAQMD request.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1325, 6-3-2011]

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

- (a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or
- (b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

The .05 percent sulfur limit shall not apply to existing supplies of any liquid fuel in storage as of October 1, 1993 until such supply is exhausted.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase fuel oil containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

purchase records of fuel oil and sulfur content of the fuel

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

F18.1 Acid Rain SO2 Allowance Allocation for affected units are as follows:

Device ID	Boiler ID	Contaminant	Tons in any year
24	Scattergood Unit No. 1	SO2	641
20	Scattergood Unit No. 2	SO2	571
22	Scattergood Unit No. 3	SO2	250

a). The allowance allocation(s) shall apply to calendar years 2010 and beyond.

b). The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40CFR73 Tables 2,3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO2 allowance allocations identified in this permit (see 40 CFR 72.84)

[40CFR 73 Subpart B, 1-11-1993]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The facility shall submit a detailed retirement plan for the permanent shutdown of Boiler 3 (Device D22), describing in detail the steps and schedule that will be taken to render Boiler 3 permanently inoperable. The retirement plan shall be submitted to SCAQMD within 60 days after the permits to construct for gas turbine Units 4, 6 and 7 are issued.

The retirement plan must be approved in writing by SCAQMD. LADWP shall not commence any construction of Boiler 3 repowering project equipment including gas turbines 4,6,7, steam turbine 5, SCR/CO catalysts for gas turbines 4, 6, 7, emergency IC engine, and oil water separator 1, 2, before the retirement plan is approved in writing by SCAQMD. If SCAQMD notifies LADWP that the plan is not approvable, LADWP shall submit a revised plan addressing SCAQMD's concerns within 30 days.

LADWP shall provide SCAQMD by December 31, 2015 with a notarized statement that Boiler 3 is permanently shut down and that any re-start or operation of the unit shall require new Permit to Construct and be subject to all requirements of nonattainment new source review and the prevention of significant deterioration program.

LADWP shall notify SCAQMD 30 days prior to the implementation of the approved retirement plan for permanent shut down of Boiler 3, or advise SCAQMD as soon as practicable should LADWP undertake permanent shutdown prior to December 31, 2015.

LADWP shall cease operation of Boiler 3 (Device D22) within 90 calendar days of the first fire of Unit 4 (Device D96), Unit 6 (Device D104), or Unit 7 (Device D110), whichever occurs first.

No later than 90 calendar days of the first fire of Unit 4, Unit 6, or Unit 7, whichever occurs first, LADWP shall complete the Boiler 1 (Device D24) de-rate project by removing cam lobes 5 through 8 to disable steam control valves 5-8 permanently, and by modifying cam lobe 4 to reduce the opening of steam control valve 4. LADWP shall demonstrate through source test that Boiler 1 operation is limited to 1,134 MMBtu/hr (HHV) heat input and 120.7 gross MW power generation after the de-rate project.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The de-rate project is subject to SCAQMD approval. After 90 calendar days of the first fire of Unit 4, 6, or 7, whichever occurs first, LADWP shall not operate Boiler 1 unless the de-rate project is complete and approved by SCAQMD.

LADWP shall provide weekly written updates on the progress of Boiler 1 de-rate project. The updates shall begin upon Boiler 1 equipment modification commencement and conclude upon completion of the project. The weekly updates shall be sent to Li Chen and Rafael Reynosa by email and by US Mail at SCAQMD.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

For the circuit breakers serving Units 4, 6, and 7 the facility shall install, operate, and maintain enclosed-pressure SF6 circuit breakers with a maximum annual leakage rate of 0.5% by weight. The circuit breakers shall be equipped with a 10% by weight leak detection system. The leak detection system shall be calibrated in accordance with manufacturer's specifications. The manufacturer's specifications and records of all calibrations shall be maintained on site.

The total CO₂e emissions from the circuit breakers serving Units 4, 6, and 7 shall not exceed 55.4 tons per calendar year.

[RULE 1714, 11-5-2010]

DEVICE CONDITIONS

A. Emission Limits

A63.1 The operator shall limit emissions from this equipment as follows:



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

CONTAMINANT	EMISSIONS LIMIT
Visible emissions	Less than or equal to 20 Percent opacity

[40CFR 60 Subpart D, 10-4-1991]

[Devices subject to this condition : D22]

A99.1 The 500 PPM CO emission limit(s) shall not apply when the boiler load is below 40 MW.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D20, D24]

A195.1 The 10 PPMV NH3 emission limit(s) is averaged over 60 mins at 3 percent O2 dry. The operator shall calculate and continuously record the NH3 slip concentration using the following: $NH_3(ppmv) = [a - (b * c / 1000000)] * 1000000 / b$, where a=NH3 injection rate(lb/hr)/17(lb/lbmole), b=dry exhaust gas flow rate(lb/hr)/29(lb/lbmole), and c=change in measured NOx across the SCR (ppmvd at stack O2). The operator shall install and maintain a NOx analyzer to measure the SCR inlet NOx ppmv accurate to plus or minus 5 percent callibrated at least once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C71, C73, C75, C77, C79]

A195.3 The 5 PPMV NOX emission limit(s) is averaged over 720 operating hours (heat input weighted average).



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The average shall be calculated based on emissions during all boiler operating hours except startups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 450 degrees F.

and shutdowns, defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less 450 degrees F, calibration, and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:

$PPMV(3\%O_2) = (Et/Qt)*K$; where $PPMV(3\%O_2)$ = the concentration of NOx in PPMV at 3%O₂; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 819; Et = Total reported NOx emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Qt = Total heat input during the averaging period.

[RULE 2009, 1-7-2005]

[Devices subject to this condition : D20, D24]

A195.4 The 5 PPMV NOX emission limit(s) is averaged over 720 operating hours (heat input weighted average).



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The average shall be calculated based on emissions during all boiler operating hours except startups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 575 degrees F.

and shutdowns, defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less 450 degrees F, calibration, and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:

$PPMV(3\%O_2) = (Et/Qt)*K$; where $PPMV(3\%O_2)$ = the concentration of NOx in PPMV at 3%O₂; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 819; Et = Total reported NOx emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Qt = Total heat input during the averaging period.

[RULE 2009, 1-7-2005]

[Devices subject to this condition : D22]

B. Material/Fuel Type Limits

B61.2 The operator shall not use digester gas containing the following specified compounds:

Compound	ppm by volume



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

Sulfur compounds calculated as H2S greater than	40
Sulfur compounds calculated as H2S greater than	500

The operator shall meet a daily average limit of 40 ppm OR meet a monthly average limit of 40 ppm AND a 15 minute average limit of 500 ppm.

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D20, D24]

C. Throughput or Operating Parameter Limits

C1.3 The operator shall limit the operating time to no more than 200 hour(s) in any one year.

The 200 hours per year shall include no more than 20 hours in any one year for maintenance and testing purposes.

The operation of the engine beyond the 20 hr/yr allotted for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the grid operator or electric utility has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1470, 5-4-2012]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D19]

C1.5 The operator shall limit the fuel usage to no more than 688000 cubic feet per hour.

For the purpose of this condition, fuel usage shall be defined as the burning of digester gas.

This limit shall be based on the total combined limit for equipment D20 and D24.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D20, D24]

C1.6 The operator shall limit the operating time to no more than 4.5 hour(s) in any one day.

The purpose(s) of this condition is to insure that there is no increase in PM10 emissions requiring BACT. This condition shall only apply when the equipment is firing fuel oil. This condition shall not apply during a Force Majeure Natural Gas Curtailment as defined in Rule 1135.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D20]

C1.7 The operator shall limit the operating time to no more than 2 hour(s) in any one day.

The purpose(s) of this condition is to insure that there is no increase in PM10 emissions requiring BACT. This condition shall only apply when the equipment is firing fuel oil. This condition shall not apply during a Force Majeure Natural Gas Curtailment as defined in Rule 1135.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D24]

C157.1 The operator shall install and maintain a pressure relief valve set at 25 psig.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D81, D82, D83]

D. Monitoring/Testing Requirements

D12.3 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1470, 5-4-2012; RULE 2012, 5-6-2005; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D19]

D12.4 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature at the inlet to the SCR reactor.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

For C71 and C73, the operator shall maintain the temperature between 360 and 756 degrees F except during start ups and shutdowns

For C75 and C77, the operator shall maintain the temperature between 450 and 750 degrees F except during start ups and shutdowns

For C79, the operator shall maintain the temperature between 310 and 754 degrees F except during start ups and shutdowns

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C71, C73, C75, C77, C79]

D12.5 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia.



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SECTION D: FACILITY DESCRIPTION AND EQUIPMENT SPECIFIC CONDITIONS

The operator shall comply with the terms and conditions set forth below:

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

For C71 and C73, the operator shall maintain the ammonia injection rate between 0.09 and 1.18 gal/min except during start ups and shutdowns

For C75 and C77, the operator shall maintain the ammonia injection rate between 173 and 208 lbs/hr except during start ups and shutdowns

For C79, the operator shall maintain the ammonia injection rate between 0.04 and 1.93 gal/min except during start ups and shutdowns

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C71, C73, C75, C77, C79]

D12.6 The operator shall install and maintain a(n) pressure gauge to accurately indicate the pressure across the SCR catalyst bed in inched water column.



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The operator shall comply with the terms and conditions set forth below:

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

For C71 and C73, the operator shall maintain the differential pressure between 0.36 and 5.83 inches of water except during start ups and shutdowns

For C75 and C77, the operator shall maintain the differential pressure between 0.8 and 4.0 inches of water except during start ups and shutdowns

For C79, the operator shall maintain the differential pressure between 0.27 and 1.87 inches of water except during start ups and shutdowns

[RULE 2012, 5-6-2005; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : C71, C73, C75, C77, C79]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:



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The operator shall comply with the terms and conditions set forth below:

The test shall be conducted at least annually.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to demonstrate compliance with Rule 1303 concentration limit.

The test shall be conducted when the equipment is operating under normal conditions. No test shall be required in any one year for which the equipment is not in operation.

The test shall be conducted to determine compliance with the CO emissions by either: (a) conducting a source test using District method 100.1 measured over a 30 minute averaging time, or (b) using a portable analyzer and a District-approved test method.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D20, D24]

D28.4 The operator shall conduct source test(s) in accordance with the following specifications:



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The operator shall comply with the terms and conditions set forth below:

The test shall be conducted at least quarterly during the first 12 months of operation of the SCR, and at least annually thereafter.

The test shall be conducted to determine the NH₃ emissions at the outlet using District method 207.1 measured over a 60 minute averaging time period. The NO_x concentration, as determined by the CEMS, shall be simultaneously recorded during the ammonia slip test. If the CEMS is inoperable, a test shall be conducted to determine the NO_x emissions using District method 100.1.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit.

The test shall be conducted when the equipment is operating at 80 percent load or greater.

The test shall be conducted and the results submitted to the District within 45 days after the test date.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C71, C73, C75, C77, C79]

D322.1 The operator shall perform annual inspection of the equipment and filter media for leaks, broken or torn filter media, and improperly installed filter media.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E57]



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The operator shall comply with the terms and conditions set forth below:

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever this equipment has combusted one million gallons of fuel oil, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D20, D24]



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The operator shall comply with the terms and conditions set forth below:

D381.2 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever there is a public complaint of visible emissions, whenever visible emissions are observed, and on an annual basis, at least, unless the equipment did not operate during the entire annual period. The routine annual inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall take corrective action(s) that eliminates the visible emissions within 24 hours and report the visible emissions as a potential deviation in accordance with the reporting requirements in Section K of this permit.

The operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- 1). Stack or emission point identification;
- 2). Description of any corrective actions taken to abate visible emissions; and
- 3). Date and time visible emission was abated.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E57]

E. Equipment Operation/Construction Requirements

E73.1 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if any of the following requirement(s) are met:

the inlet exhaust temperature to the SCR reactor is 450 degrees F or less

[RULE 2012, 5-6-2005]



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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : C71, C73, C75, C77]

E73.2 Notwithstanding the requirements of Section E conditions, the operator may, at his discretion, choose not to use ammonia injection if any of the following requirement(s) are met:

the inlet exhaust temperature to the SCR reactor is 575 degrees F or less

Within 30 days after initial start up of the SCR system, not to exceed June 1, 2001 for Boilers 2 and 3 (Devices D20 and D22) or January 1, 2002 for Boiler 1 (Device D24). The operator shall provide written notification of the start up date.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C79]

E116.1 This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.

[RULE 1470, 5-4-2012]

[Devices subject to this condition : D19]

E144.1 The operator shall vent this equipment, during filling, only to the vessel from which it is being filled.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D81, D82, D83]



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The operator shall comply with the terms and conditions set forth below:

E162.1 The operator shall use this equipment only during utility failure periods, except for maintenance purposes.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002]

[Devices subject to this condition : D19]

E179.1 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that hour.

Condition Number D 12- 4

Condition Number D 12- 5

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C71, C73, C75, C77, C79]

E179.2 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every month and shall be calculated based upon the average of the continuous monitoring for that month.

Condition Number D 12- 6

[RULE 2012, 5-6-2005]

[Devices subject to this condition : C71, C73, C75, C77, C79]

E185.1 The requirements of the rule 40CFR Part 60 Subpart D identified under condition number(s) listed below may be substituted with the following alternate requirements:



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The operator shall comply with the terms and conditions set forth below:

Condition Number A 63- 1

Alternate requirement 1: The operator shall not discharge into the atmosphere visible emissions greater than 27 percent opacity for one six-minute period per hour.

[40CFR 60 Subpart D, 10-4-1991]

[Devices subject to this condition : D22]

E193.1 The operator shall construct, operate, and maintain this equipment according to the following specifications:

For facilities operating under an Order of Abatement or a Settlement Agreement, in the event the specified schedule of installation of APC equipment under these agreements cannot be met, the operator must seek amendment of the Order of Abatement or Settlement Agreement at SCAQMD discretion.

The schedule for installation of APC equipment shall be done in consultation with the California Energy Commission (CEC) and the California Independent System Operator (CISO) to ensure that compliance with air pollution laws and requirements can be achieved with no significant power interruption.

In compliance with all mitigation measures as stipulated in the Environmental Impact Report (SCH No. 2000101008) dated November, 2000 pertaining to the Scattergood SCR project

[RULE 802, 8-1-1975; CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D20, D22, D24, C71, C73, C75, C77, C79, D81, D82, D83, C84]

E193.8 The operator shall operate and maintain this equipment according to the following specifications:



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The operator shall comply with the terms and conditions set forth below:

The operator shall limit the fuel usage of this device to no more than 1,134 MMBtu in any one hour. The operator shall limit the power generation of this device to no more than 120.7 megawatts gross. The 1,134 MMBtu/hr heat input rate shall be calculated using the following equation.

Heat input = Heat input of natural gas + Heat input of digester gas.

Heat input of natural gas = natural gas flow rate in scf/hr measured by RECLAIM certified fuel meter * 1,050 Btu/scf.

Heat input of digester gas = digester gas flow rate in scf/hr measured by RECLAIM certified fuel meter * higher heating value of the digester gas being used in Btu/scf which is determined by gas chromatography at Hyperion plant. Each batch of digester gas received from Hyperion shall have a separate heat rate determined specifically for the batch.

To demonstrate compliance with this condition the operator shall install and maintain a monitoring and recording device for fuel usage in MMBtu/hr and gross power output in MW.

Records of fuel usage and power generation in gross megawatts shall be kept on site for a minimum of five years. The records shall be available to AQMD personnel upon request.

**[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 3004(a)(4)
-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D24]

E193.9 The operator shall operate and maintain this equipment according to the following requirements:



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The operator shall comply with the terms and conditions set forth below:

- a. Change oil and filter every 500 hours of operation or annually, whichever comes first.
- b. Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first, and replace as necessary; and
- c. Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

[40CFR 63 Subpart ZZZZ, 1-30-2013]

[Devices subject to this condition : D19]

E262.1 The operator shall, in addition to the requirement(s) of condition(s) listed below, comply with the requirement(s) listed below.

Condition Number E 162- 1

The operator may, in addition to the above requirements, use this equipment for purposes of fuel oil readiness testing

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002]

[Devices subject to this condition : D19]



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The operator shall comply with the terms and conditions set forth below:

E440.1 The operator shall operate and maintain this equipment according to the following specifications:

During the carbon change out operation, the spent carbon shall be removed from the canister with the use of a vacuum device vented through a cyclone and/or fabric filter and then dropped from the cyclone and/or fabric filter into the shipping bags with the use of a chute to minimize carbon particle release

During the process of loading fresh carbon into the canister, the operator shall use a vacuum device vented to a cyclone and/or fabric filter and connected with a hose to the canister flange located near the bottom of the canister to minimize carbon particle release

The operator shall limit the carbon change out operation to twice per month

[RULE 401, 3-2-1984; RULE 401, 11-9-2001; RULE 402, 5-7-1976]

[Devices subject to this condition : D93]

E440.2 The operator shall operate and maintain this equipment according to the following specifications:

During the carbon change out operation, the spent carbon shall be removed from the canister with the use of a vacuum device vented through a cyclone and/or fabric filter and then dropped from the cyclone and/or fabric filter into the shipping bags with the use of a chute to minimize carbon particle release

During the process of loading fresh carbon into the canister, the operator shall use a vacuum device, vented to a cyclone and/or fabric filter, around the canister opening to minimize carbon particle release

The operator shall limit the carbon change out operation to one time per week for each canister



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The operator shall comply with the terms and conditions set forth below:

[RULE 401, 3-2-1984; RULE 402, 5-7-1976]

[Devices subject to this condition : D94, D95]

E448.2 The operator shall comply with the following requirements:

The operator shall not purchase fuel oil with sulfur content greater than 15 ppm by weight

[RULE 1470, 5-4-2012; RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D19]

H. Applicable Rules

H23.3 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	464

[RULE 464, 12-7-1990]

[Devices subject to this condition : D59, D60, D62, D63, D64, D65, D66]

H23.5 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
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The operator shall comply with the terms and conditions set forth below:

Chromium, | District Rule | 1404
Hexavalent

[RULE 1404, 4-6-1990]

[Devices subject to this condition : E69]

K. Record Keeping/Reporting

K67.2 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

the name of the person performing the inspection and/or maintenance of the dust collector

the date, time and results of the inspection

the date, time and description of any maintenance or repairs resulting from the inspection

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E57]

K67.3 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



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The operator shall comply with the terms and conditions set forth below:

For architectural applications where no thinners, reducers, or other VOC containing materials are added, maintain semi-annual records for all coating consisting of (a) coating type, (b) VOC content as supplied in grams per liter (g/l) of materials for low-solids coatings, (c) VOC content as supplied in g/l of coating, less water and exempt solvent, for other coatings.

For architectural applications where thinners, reducers, or other VOC containing materials are added, maintain daily records for each coating consisting of (a) coating type, (b) VOC content as applied in grams per liter (g/l) of materials used for low-solids coatings, (c) VOC content as applied in g/l of coating, less water and exempt solvent, for other coatings.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : E68]



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SECTION E: ADMINISTRATIVE CONDITIONS

The operating conditions in this section shall apply to all permitted equipment at this facility unless superseded by condition(s) listed elsewhere in this permit.

1. The permit shall remain effective unless this permit is suspended, revoked, modified, reissued, denied, or it is expired for nonpayment of permit processing or annual operating fees. [201, 203, 209, 301]
 - a. The permit must be renewed annually by paying annual operating fees, and the permit shall expire if annual operating fees are not paid pursuant to requirements of Rule 301(d). [301(d)]
 - b. The Permit to Construct listed in Section H shall expire one year from the Permit to Construct issuance date, unless a Permit to Construct extension has been granted by the Executive Officer or unless the equipment has been constructed and the operator has notified the Executive Officer prior to the operation of the equipment, in which case the Permit to Construct serves as a temporary Permit to Operate. [202, 205]
 - c. The Title V permit shall expire as specified under Section K of the Title V permit. The permit expiration date of the Title V facility permit does not supercede the requirements of Rule 205. [205, 3004]
2. The operator shall maintain all equipment in such a manner that ensures proper operation of the equipment. [204]
3. This permit does not authorize the emissions of air contaminants in excess of those allowed by Division 26 of the Health and Safety Code of the State of California or the Rules and Regulations of the SCAQMD. This permit cannot be considered as permission to violate existing laws, ordinances, regulations, or statutes of other governmental agencies. [204]
4. The operator shall not use equipment identified in this facility permit as being connected to air pollution control equipment unless they are so vented to the identified air pollution control equipment which is in full use and which has been included in this permit. [204]



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5. The operator shall not use any equipment having air pollution control device(s) incorporated within the equipment unless the air pollution control device is in full operation. [204]
6. The operator shall maintain records to demonstrate compliance with rules or permit conditions that limit equipment operating parameters, or the type or quantity of material processed. These records shall be made available to SCAQMD personnel upon request and be maintained for at least: [204]
 - a. Three years for a facility not subject to Title V; or
 - b. Five years for a facility subject to Title V.
7. The operator shall maintain and operate all equipment to ensure compliance with all emission limits as specified in this facility permit. Compliance with emission limits shall be determined according to the following specifications, unless otherwise specified by SCAQMD rules or permit conditions: [204]
 - a. For internal combustion engines and gas turbines, measured concentrations shall be corrected to 15 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1110.2, 1134, 204]
 - b. For other combustion devices, measured concentrations shall be corrected to 3 percent stack-gas oxygen content on a dry basis and be averaged over a period of 15 consecutive minutes; [1146, 1146.1, 204]
 - c. For a large NO_x source, compliance with a RECLAIM concentration limit shall be measured over a continuous 60 minutes for that source; [2012]
 - d. For non-combustion sources, compliance with emission limits shall be determined and averaged over a period of 60 minutes; [204]



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- e. For the purpose of determining compliance with Rule 407, carbon monoxide (CO) shall be measured on a dry basis and be averaged over 15 consecutive minutes, and sulfur compounds which would exist as liquid or gas at standard conditions shall be calculated as sulfur dioxide (SO₂) and be averaged over 15 consecutive minutes; [407]
- f. For the purpose of determining compliance with Rule 409, combustion contaminant emission measurements shall be corrected to 12 percent of carbon dioxide (CO₂) at standard conditions and averaged over 15 consecutive minutes. [409]
- g. For the purpose of determining compliance with Rule 475, combustion contaminant emission measurements shall be corrected to 3 percent of oxygen (O₂) at standard conditions and averaged over 15 consecutive minutes or any other averaging time specified by the Executive Officer. [475]
8. All equipment operating under the RECLAIM program shall comply concurrently with all SCAQMD Rules and Regulations, except those listed in Table 1 of Rule 2001 for NO_x RECLAIM sources and Table 2 of Rule 2001 for SO_x RECLAIM sources. Those provisions listed in Tables 1 or 2 shall not apply to NO_x or SO_x emissions after the date the facility has demonstrated compliance with all monitoring and reporting requirements of Rules 2011 or 2012, as applicable. Provisions of the listed SCAQMD rules in Tables 1 or 2 which have initial implementation dates in 1994 shall not apply to a RECLAIM NO_x or SO_x source, respectively. [2001]
9. The operator shall, when a source test is required by SCAQMD, provide a source test protocol to SCAQMD no later than 60 days before the proposed test date. The test shall not commence until the protocol is approved by SCAQMD. The test protocol shall contain the following information: [204, 304]
 - a. Brief description of the equipment tested.



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- b. Brief process description, including maximum and normal operating temperatures, pressures, through-put, etc.
 - c. Operating conditions under which the test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Brief description of sampling and analytical methods used to measure each pollutant, temperature, flow rates, and moisture.
 - f. Description of calibration and quality assurance procedures.
 - g. Determination that the testing laboratory qualifies as an "independent testing laboratory" under Rule 304 (no conflict of interest).
10. The operator shall submit a report no later than 60 days after conducting a source test, unless otherwise required by SCAQMD Rules or equipment-specific conditions. The report shall contain the following information: [204]
- a. The results of the source test.
 - b. Brief description of the equipment tested.
 - c. Operating conditions under which test will be performed.
 - d. Method of measuring operating parameters, such as fuel rate and process weight. Process schematic diagram showing the ports and sampling locations, including the dimensions of the ducts/stacks at the sampling locations, and distances of flow disturbances, (e.g. elbows, tees, fans, dampers) from the sampling locations (upstream and downstream).
 - e. Field and laboratory data forms, strip charts and analyses.



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- f. Calculations for volumetric flow rates, emission rates, control efficiency, and overall control efficiency.
- 11. The operator shall, when a source test is required, provide and maintain facilities for sampling and testing. These facilities shall comply with the requirements of SCAQMD Source Test Method 1.1 and 1.2. [217]
- 12. Whenever required to submit a written report, notification or other submittal to the Executive Officer, SCAQMD, or the District, the operator shall mail or deliver the material to: Deputy Executive Officer, Engineering and Compliance, SCAQMD, 21865 E. Copley Drive, Diamond Bar, CA 91765-4182. [204]



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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

The Facility shall comply with all applicable monitoring and source testing requirements in Regulation XX. These requirements may include but are not limited to the following:

I. NO_x Monitoring Conditions

A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate an SCAQMD certified direct or time-shared monitoring device or an approved alternative monitoring device for each major NO_x source to continuously measure the concentration of NO_x emissions and all other applicable variables specified in Rule 2012, Table 2012-1 and Rule 2012, Appendix A, Table 2-A to determine the NO_x emissions rate from each source. The time-sharing of CEMS among NO_x sources may be allowed by the Executive Officer in accordance with the requirements for time sharing specified in Appendix A. [2012]
2. Install, maintain, and operate a totalizing fuel meter approved by the Executive Officer for each major source. [2012]
3. If the facility is operating existing CEMS and fuel meters, continue to follow recording and reporting procedures required by SCAQMD Rules and Regulations in effect prior to October 15, 1993 until the CEMS is certified pursuant to Rule 2012. [2012]
4. Use valid data collected by an SCAQMD certified or provisionally certified CEMS in proper operation that meets all the requirements of Appendix A of Rule 2012, unless final certification of the CEMS is denied, to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.



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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

5. Follow missing data procedures as specified in Rule 2012 Appendix A whenever valid data is not available or collected to determine mass emissions for all purposes, including, but not limited to, determining: [2012]
 - a. compliance with the annual Allocation;
 - b. excess emissions;
 - c. the amount of penalties; and
 - d. fees.

B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall, as applicable:

Not Applicable

C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall, as applicable:

1. Install, maintain, and operate a totalizing fuel meter or any device approved by the Executive Officer to measure quarterly fuel usage or other applicable variables specified in Rule 2012, Table 2012-1, and Rule 2012, Appendix A, Table 4-A. The sharing of totalizing fuel meters may be allowed by the Executive Officer if the fuel meter serves process units which have the same emission factor or emission rate. The sharing of totalizing meter shall not be allowed for process units which are required to comply with an annual heat input limit. [2012]

II. NO_x Source Testing and Tune-up conditions

1. The operator shall conduct all required NO_x source testing in compliance with an SCAQMD-approved source test protocol. [2012]



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SECTION F: RECLAIM MONITORING AND SOURCE TESTING REQUIREMENTS

2. The operator shall, as applicable, conduct source tests for every large NO_x source no later than December 31, 1996 and every 3 years thereafter. The source test shall include the determination of NO_x concentration and a relative accuracy audit of the exhaust stack flow determination (e.g. in-stack flow monitor or fuel flow monitor based F-factor calculation). Such source test results shall be submitted per the schedule described by APEP. In lieu of submitting the first source test report, the facility permit holder may submit the results of a source test not more than 3 years old which meets the requirements when conducted. [2012]
3. All NO_x large sources and NO_x process units shall be tuned-up in accordance with the schedule specified in Rule 2012, Appendix A, Chapter 5, Table 5-B. [2012]



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SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

The Facility shall comply with all applicable reporting and recordkeeping requirements in Regulation XX. These requirements may include but are not limited to the following:

I. Recordkeeping Requirements for all RECLAIM Sources

1. The operator shall maintain all monitoring data required to be measured or reported pursuant to Rule 2011 and Rule 2012, whichever is applicable. All records shall be made available to SCAQMD staff upon request and be maintained for at least:
 - a. Three years after each APEP report is submitted to SCAQMD for a facility not subject to Title V, unless a different time period is required in Rule 2011 or Rule 2012 [2011 & 2012]; or
 - b. Five years after each APEP report is submitted to SCAQMD for a facility subject to Title V. [3004(a)(4)(E)]
 - c. Notwithstanding the above, all data gathered or computed for intervals of less than 15 minutes shall only be maintained a minimum of 48 hours. [2011 & 2012]
2. The operator shall store on site and make available to the Executive Officer upon request: records used to determine emissions, maintenance records, sources test reports, relative accuracy test audit reports, relative accuracy audit reports and fuel meter calibration records. [2011 & 2012]

II. Reporting Requirements for all RECLAIM Sources

1. The operator shall submit a quarterly certification of emissions including the total facility NO_x or SO_x emissions, whichever is applicable, for the quarter within 30 days after the end of the first three quarters and 60 days after the end of the fourth quarter of a compliance year. [2004]

NO_x Reporting Requirements

- A. The Operator of a NO_x Major Source, as defined in Rule 2012, shall, as applicable:



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR RECLAIM SOURCES

1. No later than 12 months after entry into the RECLAIM program or after the initial operation of a new major source, whichever is later, install, maintain, and operate a reporting device to electronically report everyday to the SCAQMD central station for each major NO_x source, the total daily mass emissions of NO_x and daily status codes. Such data shall be transmitted by 5:00 p.m. of the following day. If the facility experiences a power, computer, or other system failure that prevents the submittal of the daily report, the Facility Permit holder shall be granted 24 hours extension to submit the report. [2012]
 2. Calculate NO_x emissions pursuant to missing data procedures set forth in Appendix A, Chapter 2 of Rule 2012 if the Facility Permit holder fails to meet the deadline for submitting the daily report. Notwithstanding the preceding condition, in no more than three non-consecutive occurrences per compliance year the reporting deadline extension following a system failure that precludes the Facility Permit holder from timely reporting shall be 96 rather than 24 hours provided that the raw data as obtained by the direct monitoring device is stored at the facility. [2012]
 3. Submit an electronic report within 15 days following the end of each month totaling NO_x emissions from all major NO_x sources during the month. [2012]
 4. For those facilities with existing CEMS and fuel meters as of October 15, 1993, continue to follow recording and reporting procedures required by SCAQMD Rules and Regulations in effect until the CEMS is certified pursuant to Rule 2011 and/or Rule 2012, as applicable. [2012]
- B. The Operator of a NO_x Large Source, as defined in Rule 2012, shall:
Not Applicable
- C. The Operator of a NO_x Process Unit, as defined in Rule 2012, shall:



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

**SECTION G: RECORDKEEPING AND REPORTING REQUIREMENTS FOR
RECLAIM SOURCES**

1. Electronically report the calculated quarterly NOx emissions for each NOx process unit. The Operator shall comply with this requirement within 12 months of the date of entry to the RECLAIM Program. [2012]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					

* (1) (1A) (1B) Denotes RECLAIM emission factor
 (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit
 (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit
 (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
GAS TURBINE, NO.4, COMBINED CYCLE, NATURAL GAS, GENERAL ELECTRIC, MODEL 7FA.05, 2,080.9 MMBTU/HR HHV @ 63 F, WITH LOW NOX BURNER WITH A/N: 536783 Permit to Construct Issued: 04/03/13	D96	C100	NOX: MAJOR SOURCE**	CO: 2 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 2 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]; NOX: 9.82 LBS/MMSCF NATURAL GAS (1A) [RULE 2012, 5-6-2005]; NOX: 15 PPMV NATURAL GAS (8) [40CFR 60 Subpart KKKK, 7-6-2006]; NOX: 29.54 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM10: 0.01 GRAINS/SCF (5A) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; PM10: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM10: 10 LBS/HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; PM10: 11 LBS/HR (5B) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; SO2: (9) [40CFR 72 - Acid Rain Provisions, 11-24-1997]; SO2: 0.9 lbs/net MWH (8) [40CFR 60 Subpart KKKK, 7-6-2006]; VOC: 2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,	A63.2, A99.4, A99.5, A195.5, A195.6, A195.7, A327.1, C1.8, C1.9, D29.1, D29.2, D82.1, D82.2, E193.2, E193.3, E193.6, I297.1, K40.2, K67.5

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
GENERATOR, FOR COMBINED CYCLE UNIT NO. 4, 209.5 MW GROSS STEAM TURBINE, UNIT NO. 5, GENERAL ELECTRIC MODEL A14 GENERATOR, FOR STEAM TURBINE UNIT NO. 5, 108.8 MW GROSS GENERATOR, HEAT RECOVERY STEAM GENERATOR				5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002]	
CO OXIDATION CATALYST, FOR UNIT NO. 4, BASF, CATALYST VOLUME: 1200 CUBIC FEET A/N: 536784 Permit to Construct Issued: 04/03/13	C100	D96 C101			
SELECTIVE CATALYTIC REDUCTION, FOR UNIT NO. 4, CORMETECH, 2300 CU.FT. WITH A/N: 536784 Permit to Construct Issued: 04/03/13 AMMONIA INJECTION, AQUEOUS AMMONIA	C101	C100 S103		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.7, D12.8, D12.9, D29.3, E179.3, E179.4, E193.2, E193.5
STACK, FOR UNIT NO. 4, HEIGHT: 213 FT ; DIAMETER: 19 FT A/N: 536783 Permit to Construct Issued: 04/03/13	S103	C101			

- | | |
|--|---|
| * (1) (1A) (1B) Denotes RECLAIM emission factor | (2) (2A) (2B) Denotes RECLAIM emission rate |
| (3) Denotes RECLAIM concentration limit | (4) Denotes BACT emission limit |
| (5) (5A) (5B) Denotes command and control emission limit | (6) Denotes air toxic control rule limit |
| (7) Denotes NSR applicability limit | (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.) |
| (9) See App B for Emission Limits | (10) See section J for NESHAP/MACT requirements |

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
GAS TURBINE, NO.6, SIMPLE CYCLE, INTERCOOLED, NATURAL GAS, GENERAL ELECTRIC, MODEL LMS100PA, 904.1 MMBTU/HR HHV @ 63 F, WITH WATER INJECTION WITH A/N: 536803 Permit to Construct Issued: 04/03/13	D104	C106	NOX: MAJOR SOURCE**	CO: 4 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 2.5 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]; NOX: 15.9 LBS/MMSCF NATURAL GAS (1A); NOX: 25 PPMV NATURAL GAS (8) [40CFR 60 Subpart KKKK, 7-6-2006]; NOX: 98.06 LBS/MMSCF NATURAL GAS (1); PM10: 0.01 GRAINS/SCF (5A) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; PM10: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM10: 5.7 LBS/HR (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; PM10: 11 LBS/HR (5B) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; SO2: (9) [40CFR 72 - Acid Rain Provisions, 11-24-1997]; SO2: 0.9 lbs/net MWH (8) [40CFR 60 Subpart KKKK, 7-6-2006]; VOC: 2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	A63.3, A99.6, A99.7, A195.8, A195.9, A195.10, A327.1, C1.11, C1.12, D29.1, D29.2, D82.1, D82.2, E193.2, E193.4, E193.7, I297.2, K40.2, K67.5

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (3) Denotes RECLAIM concentration limit
- (4) Denotes BACT emission limit
- (5) (5A) (5B) Denotes command and control emission limit
- (6) Denotes air toxic control rule limit
- (7) Denotes NSR applicability limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (9) See App B for Emission Limits
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
GENERATOR, FOR UNIT NO. 6, 103.0 MW GROSS					
CO OXIDATION CATALYST, FOR UNIT NO. 6, BASF, MODEL CAMET, CATALYST VOLUME: 160 CUBIC FEET A/N: 536807 Permit to Construct Issued: 04/03/13	C106	D104 C107			
SELECTIVE CATALYTIC REDUCTION, FOR UNIT NO. 6, CORMETECH, MODEL NUMBER: CMHT-27, 1211 CU.FT. WITH A/N: 536807 Permit to Construct Issued: 04/03/13	C107	C106 S109		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.7, D12.8, D12.9, D29.3, E179.3, E179.4, E193.2, E193.5
AMMONIA INJECTION, AQUEOUS AMMONIA					
STACK, FOR UNIT NO. 6, HEIGHT: 100 FT ; DIAMETER: 13 FT 6 IN A/N: 536803 Permit to Construct Issued: 04/03/13	S109	C107			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
 (3) Denotes RECLAIM concentration limit
 (5) (5A) (5B) Denotes command and control emission limit
 (7) Denotes NSR applicability limit
 (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
 (4) Denotes BACT emission limit
 (6) Denotes air toxic control rule limit
 (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
GAS TURBINE, UNIT NO. 7, SIMPLE CYCLE, INTERCOOLED, NATURAL GAS, GENERAL ELECTRIC, MODEL LMS100PA, 904.1 MMBTU/HR HHV AT 63 F, WITH WATER INJECTION WITH A/N: 536805 Permit to Construct Issued: 04/03/13	D110	C112	NOX: MAJOR SOURCE**	CO: 4 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988]; CO: 2000 PPMV (5) [RULE 407, 4-2-1982]; NOX: 2.5 PPMV NATURAL GAS (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]; NOX: 15.9 LBS/MMSCF NATURAL GAS (1A) [RULE 2012, 5-6-2005]; NOX: 25 PPMV (8) [40CFR 60 Subpart KKKK, 7-6-2006]; NOX: 98.06 LBS/MMSCF NATURAL GAS (1) [RULE 2012, 5-6-2005]; PM10: 0.01 GRAINS/SCF (5A) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; PM10: 0.1 GRAINS/SCF (5) [RULE 409, 8-7-1981]; PM10: 5.7 LBS/HR NATURAL GAS (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]; PM10: 11 LBS/HR (5B) [RULE 475, 10-8-1976; RULE 475, 8-7-1978]; SO2: (9) [40CFR 72 - Acid Rain Provisions, 11-24-1997]; SO2: 0.9 lbs/net MWH (8) [40CFR 60 Subpart KKKK, 7-6-2006]; VOC: 2 PPMV NATURAL GAS (4) [RULE 1303(a)(1)-BACT,	A63.3, A99.6, A99.7, A195.8, A195.9, A195.10, A327.1, C1.11, C1.12, D29.1, D29.2, D82.1, D82.2, E193.2, E193.4, E193.7, I297.3, K40.2, K67.5

* (1) (1A) (1B) Denotes RECLAIM emission factor (2) (2A) (2B) Denotes RECLAIM emission rate
 (3) Denotes RECLAIM concentration limit (4) Denotes BACT emission limit
 (5) (5A) (5B) Denotes command and control emission limit (6) Denotes air toxic control rule limit
 (7) Denotes NSR applicability limit (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
 (9) See App B for Emission Limits (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
GENERATOR, FOR UNIT NO. 7, 103.0 MW GROSS				5-10-1996; RULE 1303(a)(1) -BACT, 12-6-2002]	
CO OXIDATION CATALYST, FOR UNIT NO. 7, BASF, MODEL CAMET, CATALYST VOLUME: 160 CUBIC FEET A/N: 536812 Permit to Construct Issued: 04/03/13	C112	D110 C113			
SELECTIVE CATALYTIC REDUCTION, FOR UNIT NO. 7, CORMETECH, MODEL NUMBER: CMHT-27, 1211 CU.FT. WITH A/N: 536807 Permit to Construct Issued: 04/03/13	C113	C112 S115		NH3: 5 PPMV (4) [RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]	D12.7, D12.8, D12.9, D29.3, E179.3, E179.4, E193.2, E193.5
STACK, FOR UNIT NO. 7, HEIGHT: 100 FT ; DIAMETER: 13 FT 6 IN A/N: 536805 Permit to Construct Issued: 04/03/13	S115	C113			

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Equipment	ID No.	Connected To	RECLAIM Source Type/ Monitoring Unit	Emissions* And Requirements	Conditions
Process 5: INTERNAL COMBUSTION, POWER GENERATION					
INTERNAL COMBUSTION ENGINE, EMERGENCY POWER, LEAN BURN, DIESEL FUEL, CATERPILLAR, MODEL 3516C DITA, WITH A JOHNSON MATTHEY CRT PARTICULATE FILTER, 3622 BHP WITH A/N: 536801 Permit to Construct Issued: 04/03/13	D116		NOX: PROCESS UNIT**	CO: 0.67 GRAM/BHP-HR DIESEL (4) [RULE 1703(a)(2) - PSD-BACT, 10-7-1988; 40CFR 60 Subpart III, 6-28-2011]; NOX: 3.7 GRAM/BHP-HR DIESEL (4) [RULE 1470, 5-4-2012; RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011; 40CFR 60 Subpart III, 6-28-2011]; NOX: 170.5 LBS/1000 GAL DIESEL (1) [RULE 2012, 5-6-2005]; PM10: 0.007 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012; 40CFR 60 Subpart III, 6-28-2011]; VOC: 0.25 GRAM/BHP-HR DIESEL (4) [RULE 1303(a)(1) -BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]	B61.3, D12.3, D12.10, E116.1, E193.2, E448.1, E448.3, E448.4, I297.4, K67.4
GENERATOR, 2 MW					
OIL WATER SEPARATOR, #1, HIGHLAND, MODEL: HTC5000, VOL: 5000 GAL, FLOW RATE: 500 GPM A/N: 536796 Permit to Construct Issued: 04/03/13	D118				

- * (1) (1A) (1B) Denotes RECLAIM emission factor
- (3) Denotes RECLAIM concentration limit
- (5) (5A) (5B) Denotes command and control emission limit
- (7) Denotes NSR applicability limit
- (9) See App B for Emission Limits
- (2) (2A) (2B) Denotes RECLAIM emission rate
- (4) Denotes BACT emission limit
- (6) Denotes air toxic control rule limit
- (8) (8A) (8B) Denotes 40 CFR limit (e.g. NSPS, NESHAPS, etc.)
- (10) See section J for NESHAP/MACT requirements

** Refer to section F and G of this permit to determine the monitoring, recordkeeping and reporting requirements for this device.



**FACILITY PERMIT TO OPERATE
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SECTION H: DEVICE ID INDEX

**The following sub-section provides an index
to the devices that make up the facility
description sorted by device ID.**



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

SECTION H: DEVICE ID INDEX

Device Index For Section H			
Device ID	Section H Page No.	Process	System
D24	9	6	0
D96	3	5	0
C100	3	5	0
C101	3	5	0
S103	3	5	0
D104	5	5	0
C106	5	5	0
C107	5	5	0
S109	5	5	0
D110	7	5	0
C112	7	5	0
C113	7	5	0
S115	7	5	0
D116	8	5	0
D118	8	5	0
D119	9	5	0



**FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

FACILITY CONDITIONS

F2.1 The operator shall limit emissions from this facility as follows:

CONTAMINANT	EMISSIONS LIMIT
PM	Less than 100 TONS IN ANY ONE YEAR



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

For the purpose of this condition, the PM shall be defined as particulate matter with aerodynamic diameter of 2.5 microns or less.

For purposes of demonstrating compliance with the 100 ton per year limit the operator shall determine the PM_{2.5} emissions for each of the major sources at the facility by calculating a 12-month rolling average using the following formula:

$$PM_{2.5} = (FF1*EF1 + FF2*EF2 + FF4*EF4 + FF6*EF6 + FF7*EF7 + FFd1*EFd1 + FFd2*EFd2)/2000$$

Where: PM_{2.5} = PM_{2.5} emissions in tons per year

FF1= fuel flow for Unit 1 in MMscf, Unit 1 is a boiler generator, FF2= fuel flow for Unit 2 in MMscf, Unit 2 is a boiler generator, FF4= fuel flow for Unit 4 in MMscf, Unit 4 is the GE 7FA.05 turbine generator, FF6= fuel flow for Unit 6 in MMscf, Unit 6 is the GE LMS100PA turbine generator, FF7= fuel flow for Unit 7 in MMscf, Unit 7 is the GE LMS100PA turbine generator, FFD1= fuel flow for standby generator D19 in Mgal, FFD2= fuel flow for standby generator D116 in Mgal.

EF1= emission factor for Unit 1 = 7.6 lb/MMscf, EF2= emission factor for Unit 2 = 7.6 lb/MMscf, EF4= emission factor for Unit 4 = 5.10 lb/MMscf, EF6= emission factor for Unit 6 = 6.70 lb/MMscf, EF7= emission factor for Unit 7 = 6.70 lb/MMscf, EFD1= emission factor for D19 = 34.4 lb/Mgal, EFD2= emission factor for D116 = 0.3 lb/Mgal

Any changes to these emission factors must be approved in advance by the District in writing and be based on unit specific source tests performed using a District approved testing protocol.

LADWP shall submit written reports of the monthly PM_{2.5} compliance demonstrations required by this condition. The report submittal shall be included with the semi-annual Title V report as required under Rule 3004(a)(4)(f). Records of the monthly PM_{2.5} compliance demonstrations shall be maintained on site for at least five years and made available upon SCAQMD request.

[RULE 1325, 6-3-2011]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

F9.1 Except for open abrasive blasting operations, the operator shall not discharge into the atmosphere from any single source of emissions whatsoever any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:

(a) As dark or darker in shade as that designated No.1 on the Ringelmann Chart, as published by the United States Bureau of Mines; or

(b) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in subparagraph (a) of this condition.

[RULE 401, 3-2-1984; RULE 401, 11-9-2001]

F14.1 The operator shall not use fuel oil containing sulfur compounds in excess of 0.05 percent by weight.

The .05 percent sulfur limit shall not apply to existing supplies of any liquid fuel in storage as of October 1, 1993 until such supply is exhausted.

[RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

F14.2 The operator shall not purchase fuel oil containing sulfur compounds in excess of 15 ppm by weight as supplied by the supplier.

This condition shall become effective on or after June 1, 2004.

[RULE 431.2, 9-15-2000]

F16.1 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

purchase records of fuel oil and sulfur content of the fuel

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

F18.1 Acid Rain SO₂ Allowance Allocation for affected units are as follows:



**FACILITY PERMIT TO OPERATE
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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

Device ID	Boiler ID	Contaminant	Tons in any year
24	Scattergood Unit No. 1	SO2	641
20	Scattergood Unit No. 2	SO2	571
22	Scattergood Unit No. 3	SO2	250

a). The allowance allocation(s) shall apply to calendar years 2010 and beyond.

b). The number of allowances allocated to Phase II affected units by U.S. EPA may change in a 1998 revision to 40CFR73 Tables 2,3, and 4. In addition, the number of allowances actually held by an affected source in a unit account may differ from the number allocated by U.S. EPA. Neither of the aforementioned conditions necessitate a revision to the unit SO2 allowance allocations identified in this permit (see 40 CFR 72.84)

[40CFR 73 Subpart B, 1-11-1993]

F24.1 Accidental release prevention requirements of Section 112(r)(7):

a). The operator shall comply with the accidental release prevention requirements pursuant to 40 CFR Part 68 and shall submit to the Executive Officer, as a part of an annual compliance certification, a statement that certifies compliance with all of the requirements of 40 CFR Part 68, including the registration and submission of a risk management plan (RMP).

b). The operator shall submit any additional relevant information requested by the Executive Officer or designated agency.

[40CFR 68 - Accidental Release Prevention, 5-24-1996]

F52.1 This facility is subject to the applicable requirements of the following rules or regulation(s):



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The operator shall comply with the terms and conditions set forth below:

The facility shall submit a detailed retirement plan for the permanent shutdown of Boiler 3 (Device D22), describing in detail the steps and schedule that will be taken to render Boiler 3 permanently inoperable. The retirement plan shall be submitted to SCAQMD within 60 days after the permits to construct for gas turbine Units 4, 6 and 7 are issued.

The retirement plan must be approved in writing by SCAQMD. LADWP shall not commence any construction of Boiler 3 repowering project equipment including gas turbines 4,6,7, steam turbine 5, SCR/CO catalysts for gas turbines 4, 6, 7, emergency IC engine, and oil water separator 1, 2, before the retirement plan is approved in writing by SCAQMD. If SCAQMD notifies LADWP that the plan is not approvable, LADWP shall submit a revised plan addressing SCAQMD's concerns within 30 days.

LADWP shall provide SCAQMD by December 31, 2015 with a notarized statement that Boiler 3 is permanently shut down and that any re-start or operation of the unit shall require new Permit to Construct and be subject to all requirements of nonattainment new source review and the prevention of significant deterioration program.

LADWP shall notify SCAQMD 30 days prior to the implementation of the approved retirement plan for permanent shut down of Boiler 3, or advise SCAQMD as soon as practicable should LADWP undertake permanent shutdown prior to December 31, 2015.

LADWP shall cease operation of Boiler 3 (Device D22) within 90 calendar days of the first fire of Unit 4 (Device D96), Unit 6 (Device D104), or Unit 7 (Device D110), whichever occurs first.

No later than 90 calendar days of the first fire of Unit 4, Unit 6, or Unit 7, whichever occurs first, LADWP shall complete the Boiler 1 (Device D24) de-rate project by removing cam lobes 5 through 8 to disable steam control valves 5-8 permanently, and by modifying cam lobe 4 to reduce the opening of steam control valve 4. LADWP shall demonstrate through source test that Boiler 1 operation is limited to 1,134 MMBtu/hr (HHV) heat input and 120.7 gross MW power generation after the de-rate project.



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The operator shall comply with the terms and conditions set forth below:

The de-rate project is subject to SCAQMD approval. After 90 calendar days of the first fire of Unit 4, 6, or 7, whichever occurs first, LADWP shall not operate Boiler 1 unless the de-rate project is complete and approved by SCAQMD.

LADWP shall provide weekly written updates on the progress of Boiler 1 de-rate project. The updates shall begin upon Boiler 1 equipment modification commencement and conclude upon completion of the project. The weekly updates shall be sent to Li Chen and Rafael Reynosa by email and by US Mail at SCAQMD.

[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996]

F52.2 This facility is subject to the applicable requirements of the following rules or regulation(s):

For the circuit breakers serving Units 4, 6, and 7 the facility shall install, operate, and maintain enclosed-pressure SF6 circuit breakers with a maximum annual leakage rate of 0.5% by weight. The circuit breakers shall be equipped with a 10% by weight leak detection system. The leak detection system shall be calibrated in accordance with manufacturer's specifications. The manufacturer's specifications and records of all calibrations shall be maintained on site.

The total CO2e emissions from the circuit breakers serving Units 4, 6, and 7 shall not exceed 55.4 tons per calendar year.

[RULE 1714, 11-5-2010]

DEVICE CONDITIONS

A. Emission Limits

A63.2 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
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The operator shall comply with the terms and conditions set forth below:

CO	Less than 26730 LBS IN ANY CALENDAR MONTH
VOC	Less than 4425 LBS IN ANY CALENDAR MONTH
PM10	Less than 7393 LBS IN ANY CALENDAR MONTH
SOX	Less than 871 LBS IN ANY CALENDAR MONTH

The above limits apply after the equipment is commissioned.

The operator shall calculate compliance with the emission limit(s) by using calendar monthly fuel use data and the following emission factors: VOC: 3.05 lbs/mmescf, PM10: 5.10 lbs/mmescf, SOx: 0.60 lbs/mmescf.

The operator shall calculate the emission limits for CO after the CO CEMS certification based upon readings from the AQMD certified CEMS. In the event the CO CEMS is not operating or the emissions exceed the valid upper range of the analyzer, the emissions shall be calculated by using monthly fuel use data and the emission factor of normal operation: 18.45 lbs/mmescf.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703 - PSD Analysis, 10-7-1988]

[Devices subject to this condition : D96]

A63.3 The operator shall limit emissions from this equipment as follows:

CONTAMINANT	EMISSIONS LIMIT
CO	Less than 6760 LBS IN ANY CALENDAR MONTH
VOC	Less than 1692 LBS IN ANY CALENDAR MONTH
PM10	Less than 4296 LBS IN ANY CALENDAR MONTH
SOX	Less than 384 LBS IN ANY CALENDAR MONTH



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The operator shall comply with the terms and conditions set forth below:

The above limits apply after the equipment is commissioned. The above limits apply to each turbine.

The operator shall calculate compliance with the emission limit(s) by using calendar monthly fuel use data and the following emission factors: VOC: 2.64 lbs/mmscf, PM10: 6.70 lbs/mmscf, SOx: 0.60 lbs/mmscf.

The operator shall calculate the emission limits for CO after the CO CEMS certification based upon readings from the AQMD certified CEMS. In the event the CO CEMS is not operating or the emissions exceed the valid upper range of the analyzer, the emissions shall be calculated by using monthly fuel use data and the emission factor of normal operation: 10.54 lbs/mmscf.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703 - PSD Analysis, 10-7-1988]

[Devices subject to this condition : D104, D110]

A99.1 The 500 PPM CO emission limit(s) shall not apply when the boiler load is below 40 MW.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D24]

A99.4 The 29.54 LBS/MMSCF NOX emission limit(s) shall only apply during the turbine commissioning period to report RECLAIM emissions.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D96]

A99.5 The 9.82 LBS/MMSCF NOX emission limit(s) shall only apply during the interim period after commissioning to report RECLAIM emissions.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D96]



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The operator shall comply with the terms and conditions set forth below:

A99.6 The 98.06 LBS/MMSCF NOX emission limit(s) shall only apply during the turbine commissioning period to report RECLAIM emissions.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D104, D110]

A99.7 The 15.9 LBS/MMSCF NOX emission limit(s) shall only apply during the interim period after commissioning to report RECLAIM emissions.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D104, D110]

A195.3 The 5 PPMV NOX emission limit(s) is averaged over 720 operating hours (heat input weighted average).

The average shall be calculated based on emissions during all boiler operating hours except startups defined as whenever the unit is being brought up to normal operating temperature from an inactive status, and the exhaust temperature entering the SCR catalyst is less than 450 degrees F.

and shutdowns, defined as whenever the unit is allowed to cool from a normal operating temperature to inactive status, and the exhaust temperature entering the SCR catalyst is less 450 degrees F, calibration, and maintenance periods, Part 75 linearity testing, RATA testing, equipment breakdown periods as defined in Rule 2004, and periods of zero fuel flow.

The heat input weighted average NOx concentration shall be calculated using the following equation, or other equivalent equation:.

$$\text{PPMV}(3\%O_2) = (Et/Q_t) * K;$$
 where PPMV(3%O₂) = the concentration of NO_x in PPMV at 3%O₂; K = a conversion factor from lbs/MMBtu to PPM, which can be determined using EPA 40 CFR60 Method 19. The default K value is 819; Et = Total reported NO_x emissions during the averaging period including emissions reported as a result of missing data procedures pursuant to Rule 2012; Q_t = Total heat input during the averaging period.



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The operator shall comply with the terms and conditions set forth below:

[RULE 2009, 1-7-2005]

[Devices subject to this condition : D24]

A195.5 The 2.0 PPMV NOX emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, cold startups, non-cold startups, and shutdown periods.

[RULE 1703 - PSD Analysis, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D96]

A195.6 The 2.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, cold startups, non-cold startups, and shutdown periods.

[RULE 1703 - PSD Analysis, 10-7-1988]

[Devices subject to this condition : D96]

A195.7 The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, cold startups, non-cold startups, and shutdown periods.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D96]

A195.8 The 2.5 PPMV NOX emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, cold startups, non-cold startups, and shutdown periods.

[RULE 1703 - PSD Analysis, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D104, D110]



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The operator shall comply with the terms and conditions set forth below:

A195.9 The 4.0 PPMV CO emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, cold startups, non-cold startups, and shutdown periods.

[RULE 1703 - PSD Analysis, 10-7-1988]

[Devices subject to this condition : D104, D110]

A195.10 The 2.0 PPMV VOC emission limit(s) is averaged over 1 hour, dry basis at 15 percent oxygen. This limit shall not apply to turbine commissioning, cold startups, non-cold startups, and shutdown periods.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D104, D110]

A327.1 For the purpose of determining compliance with District Rule 475, combustion contaminant emissions may exceed the concentration limit or the mass emission limit listed, but not both limits at the same time.

[RULE 475, 10-8-1976; RULE 475, 8-7-1978]

[Devices subject to this condition : D96, D104, D110]

B. Material/Fuel Type Limits

B61.2 The operator shall not use digester gas containing the following specified compounds:

Compound	ppm by volume
Sulfur compounds calculated as H ₂ S greater than	40



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Sulfur compounds | 500
calculated as H2S greater
than

The operator shall meet a daily average limit of 40 ppm OR meet a monthly average limit of 40 ppm AND a 15 minute average limit of 500 ppm.

[RULE 431.1, 6-12-1998]

[Devices subject to this condition : D24]

B61.3 The operator shall only use fuel oil containing the following specified compounds:

Compound	ppm by weight
total sulfur compounds calculated as H2S less than	15

[RULE 1470, 5-4-2012; RULE 431.2, 5-4-1990; RULE 431.2, 9-15-2000]

[Devices subject to this condition : D116]

C. Throughput or Operating Parameter Limits

C1.5 The operator shall limit the fuel usage to no more than 688000 cubic feet per hour.

For the purpose of this condition, fuel usage shall be defined as the burning of digester gas.

This limit shall be based on the total combined limit for equipment D20 and D24.

[RULE 1303(b)(2)-Offset, 5-10-1996; RULE 1303(b)(2)-Offset, 12-6-2002]

[Devices subject to this condition : D24]



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The operator shall comply with the terms and conditions set forth below:

C1.7 The operator shall limit the operating time to no more than 2 hour(s) in any one day.

The purpose(s) of this condition is to insure that there is no increase in PM10 emissions requiring BACT. This condition shall only apply when the equipment is firing fuel oil. This condition shall not apply during a Force Majeure Natural Gas Curtailment as defined in Rule 1135.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : D24]

C1.8 The operator shall limit the number of start-ups to no more than 62 in any one calendar month.

The number of cold startups shall not exceed 5 time per month and the number of non-cold startups shall not exceed 57 times per calendar month.

For the purposes of this condition, a cold startup is defined as a startup which occurs after the steam turbine has been shut down for 72 hours or more. A cold startup shall not exceed 166 minutes. The NOx emissions of a cold startup shall not exceed 111 lbs. A non-cold startup shall not exceed 88 minutes. The NOx emissions from a non-cold startup shall not exceed 50 lbs.

The beginning of startup occurs at initial fire in the combustor and the end of startup occurs when the BACT levels are achieved. If during startup the process is aborted the process will count as one startup.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D96]

C1.9 The operator shall limit the number of shut-downs to no more than 62 in any one calendar month.



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The operator shall comply with the terms and conditions set forth below:

Shutdown time shall not exceed 25 minutes per shutdown. The NOx emissions from a shutdown event shall not exceed 25 lbs.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D96]

- C1.11 The operator shall limit the number of start-ups to no more than 124 in any one calendar month.

The number of startups per day shall not exceed 4 time per day.

A startup shall not exceed 25 minutes. The NOx emissions from a startup shall not exceed 20 lbs. The beginning of startup occurs at initial fire in the combustor and the end of startup occurs when the BACT levels are achieved. If during startup the process is aborted the process will count as one startup.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D104, D110]

- C1.12 The operator shall limit the number of shut-downs to no more than 124 in any one calendar month.

Shutdown time shall not exceed 11 minutes per shutdown. The NOx emissions from a shutdown event shall not exceed 3 lbs.

The operator shall maintain records in a manner approved by the District, to demonstrate compliance with this condition.

[RULE 2012, 5-6-2005]



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The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D104, D110]

D. Monitoring/Testing Requirements

D12.3 The operator shall install and maintain a(n) non-resettable elapsed time meter to accurately indicate the elapsed operating time of the engine.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1470, 5-4-2012; RULE 2012, 5-6-2005; 40CFR 60 Subpart IIII, 6-28-2011]

[Devices subject to this condition : D116]

D12.7 The operator shall install and maintain a(n) flow meter to accurately indicate the flow rate of the total hourly throughput of injected ammonia (NH₃).

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 6-3-2011]

[Devices subject to this condition : C101, C107, C113]

D12.8 The operator shall install and maintain a(n) temperature gauge to accurately indicate the temperature in the exhaust at the inlet to the SCR reactor.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The SCR reactor temperature shall be between 734 degrees F and 850 degrees F.



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The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 6-3-2011]

[Devices subject to this condition : C101, C107, C113]

D12.9 The operator shall install and maintain a(n) pressure gauge to accurately indicate the differential pressure across the SCR catalyst bed in inches water column.

The operator shall also install and maintain a device to continuously record the parameter being measured.

The measuring device or gauge shall be accurate to within plus or minus 5 percent. It shall be calibrated once every 12 months.

The pressure differential shall be between 4.0 and 5.8 inches water column.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 6-3-2011]

[Devices subject to this condition : C101, C107, C113]

D12.10 The operator shall install and maintain a(n) non-resettable totalizing fuel meter to accurately indicate the fuel usage of the engine.

The operator shall also install and maintain a device to continuously record the parameter being measured.

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D116]

D28.2 The operator shall conduct source test(s) in accordance with the following specifications:



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The operator shall comply with the terms and conditions set forth below:

The test shall be conducted at least annually.

The test shall be conducted to determine the CO emissions at the outlet.

The test shall be conducted to demonstrate compliance with Rule 1303 concentration limit.

The test shall be conducted when the equipment is operating under normal conditions. No test shall be required in any one year for which the equipment is not in operation.

The test shall be conducted to determine compliance with the CO emissions by either: (a) conducting a source test using District method 100.1 measured over a 30 minute averaging time, or (b) using a portable analyzer and a District-approved test method.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D24]

D29.1 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	1 hour	Outlet of the SCR serving this equipment
CO emissions	District method 100.1	1 hour	Outlet of the SCR serving this equipment
SOX emissions	Approved District method	District-approved averaging time	Fuel Sample
VOC emissions	Approved District method	1 hour	Outlet of the SCR serving this equipment
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment



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The operator shall comply with the terms and conditions set forth below:

PM2.5	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment
NH3 emissions	District method 207.1 and 5.3 or EPA method 17	1 hour	Outlet of the SCR serving this equipment



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The operator shall comply with the terms and conditions set forth below:

The test shall be conducted after District approval of the source test protocol, but no later than 180 days after initial start-up or three hundred hours of operation after startup. The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted to determine the oxygen levels in the exhaust. In addition, the tests shall measure the fuel flow rate (CFH), the flue gas flow rate. The combined gas turbine and steam turbine generating output in MW shall also be recorded if applicable.

The test shall be conducted in accordance with a District approved source test protocol. The protocol shall be submitted to the AQMD engineer no later than 90 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall include the proposed operating conditions of the turbine during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures.

For gas turbines only the VOC test shall use the following method: a) Stack gas samples are extracted into Summa canisters, maintaining a final canister pressure between 400-500 mm Hg absolute, b) Pressurization of Summa canisters is done with zero gas analyzed/certified to having less than 0.05 ppmv total hydrocarbons as carbon, and c) Analysis of Summa canisters is per EPA Method TO-12 (with pre-concentration) and the canisters temperature when extracting samples for analysis is not to be below 70 degrees F.

The use of this alternative VOC test method is solely for the determination of compliance with the VOC BACT level of 2.0 ppmv calculated as carbon for natural gas fired turbines. The test results must be reported with two significant digits.

The test shall be conducted when this equipment is operating at loads of 100 and 75 percent of maximum load for the NO_x, CO, VOC, and ammonia tests. The PM₁₀ test shall be conducted when this equipment is operating at 100 percent of maximum load.



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The operator shall comply with the terms and conditions set forth below:

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D96, D104, D110]

D29.2 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
SOX emissions	Approved District method	District-approved averaging time	Fuel Sample
VOC emissions	Approved District method	1 hour	Outlet of the SCR serving this equipment
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment



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The operator shall comply with the terms and conditions set forth below:

The test(s) shall be conducted at least once every three years.

The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted when the gas turbine is operating at 100 percent of maximum heat input.

For gas turbines only the VOC test shall use the following method: a) Stack gas samples are extracted into Summa canisters, maintaining a final canister pressure between 400-500 mm Hg absolute, b) Pressurization of Summa canisters is done with zero gas analyzed/certified to having less than 0.05 ppmv total hydrocarbons as carbon, and c) Analysis of Summa canisters is per EPA Method TO-12 (with pre-concentration) and the canisters temperature when extracting samples for analysis is not to be below 70 degrees

The use of this alternative VOC test method is solely for the determination of compliance with the VOC BACT level of 2.0 ppmv calculated as carbon for natural gas fired turbines. The test results must be reported with two significant digits.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration and/or monthly emissions limit.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002]

[Devices subject to this condition : D96, D104, D110]

D29.3 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
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The operator shall comply with the terms and conditions set forth below:

NH3 emissions	District method 207.1 and 5.3 or EPA method 17	1 hour	Outlet of the SCR serving this equipment
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The test shall be conducted and the results submitted to the District within 60 days after the test date. The AQMD shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted at least quarterly during the first twelve months of operation and at least annually thereafter. The NOx concentration, as determined by the certified CEMS, shall be simultaneously recorded during the ammonia slip test. If the CEMS is inoperable or not yet certified, a test shall be conducted to determine the NOx emissions using District Method 100.1 measured over a 60 minute averaging time period.

The test shall be conducted to demonstrate compliance with the Rule 1303 concentration limit.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C101, C107, C113]

D29.4 The operator shall conduct source test(s) for the pollutant(s) identified below.

Pollutant(s) to be tested	Required Test Method(s)	Averaging Time	Test Location
NOX emissions	District method 100.1	1 hour	Outlet of the SCR serving this equipment
CO emissions	District method 100.1	1 hour	Outlet of the SCR serving this equipment
PM10 emissions	Approved District method	District-approved averaging time	Outlet of the SCR serving this equipment



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The operator shall comply with the terms and conditions set forth below:

The test shall be conducted in accordance with a District approved source test protocol. The protocol shall be submitted to the AQMD engineer no later than 90 days before the proposed test date and shall be approved by the District before the test commences. The test protocol shall include the proposed operating conditions during the tests, the identity of the testing lab, a statement from the testing lab certifying that it meets the criteria of Rule 304, and a description of all sampling and analytical procedures.

The test shall be conducted after District approval of the source test protocol, but no later than the later of 180 days after the de-rate project. The District shall be notified of the date and time of the test at least 10 days prior to the test.

The test shall be conducted show compliance with the de-rate in maximum capacity from 185 MW to 120.7 MW and from 1750 MMBtu/hr to 1134 MMBtu/hr at HHV.

The test shall be conducted determine compliance with the BACT emission limits. NO_x and CO concentrations shall be corrected to 3% excess O₂, dry. In addition, the tests shall measure the fuel flow rate (CFH), the flue gas flow rate, oxygen level in the flue gas. The steam turbine generator output in MW shall also be recorded.

The test shall be conducted when this equipment is operating at loads of 100 and 75 percent of maximum load.

[RULE 1303(a)-BACT, 5-10-1996; RULE 1303(a), 12-6-2002; RULE 1703 - PSD Analysis, 10-7-1988]

[Devices subject to this condition : D24]

D82.1 The operator shall install and maintain a CEMS to measure the following parameters:



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

CO concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operated to measure CO concentrations over a 15 minute averaging time period.

The CEMS shall be installed and operated no later than 90 days after initial start-up of the turbine, and in accordance with an approved AQMD Rule 218 CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD.

The CEMS will convert the actual CO concentrations to mass emission rates (lbs/hr) and record the hourly emission rates on a continuous basis.

CO Emission Rate, lbs/hr = $K \cdot C_{co} \cdot F_d [20.9 / (20.9\% - \%O_2 d)] [(Q_g \cdot HHV) / 106]$, where

1. $K = 7.267 \cdot 10^{-8}$ (lb/scf)/ppm
2. C_{co} = Average of four consecutive 15 min. average CO concentration, ppm
3. $F_d = 8710$ dscf/MMBTU natural gas
4. $\%O_2 d$ = Hourly average % by vol. O₂ dry, corresponding to C_{co}
5. Q_g = Fuel gas usage during the hour, scf/hr
6. HHV = Gross high heating value of fuel gas, BTU/scf

[RULE 1703 - PSD Analysis, 10-7-1988]

[Devices subject to this condition : D96, D104, D110]

D82.2 The operator shall install and maintain a CEMS to measure the following parameters:



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

NOX concentration in ppmv

Concentrations shall be corrected to 15 percent oxygen on a dry basis.

The CEMS shall be installed and operated no later than 90 days after initial start-up of the turbine, and in accordance with an approved AQMD REG XX CEMS plan application. The operator shall not install the CEMS prior to receiving initial approval from AQMD.

Rule 2012 provisional RATA testing shall be completed and submitted to the AQMD within 90 days of the conclusion of the turbine commissioning period. During the interim period between the initial start-up and the provisional certification date of the CEMS, the operator shall comply with the monitoring requirements of Rule 2012(h)(2) and 2012(h)(3).

[RULE 1703 - PSD Analysis, 10-7-1988; RULE 2005, 6-3-2011; RULE 2012, 5-6-2005]

[Devices subject to this condition : D96, D104, D110]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

D371.1 The operator shall conduct an inspection for visible emissions from all stacks and other emission points of this equipment whenever this equipment has combusted one million gallons of fuel oil, to be counted cumulatively over a five year period. The inspection shall be conducted while the equipment is in operation and during daylight hours. If any visible emissions (not including condensed water vapor) are detected, the operator shall:

Have a CARB-certified smoke reader determine compliance with the opacity standard, using EPA Method 9 or the procedures in the CARB manual "Visible Emission Evaluation", within three working days (or during the next fuel oil firing period if the unit ceases firing on fuel oil within the three working day time frame) and report any deviations to AQMD.

In addition, the operator shall keep the records in accordance with the recordkeeping requirements in Section K of this permit and the following records:

- a). Stack or emission point identification;
- b). Description of any corrective actions taken to abate visible emissions;
- c). Date and time visible emission was abated; and
- d). Visible emission observation record by a certified smoke reader.

[RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition : D24]

E. Equipment Operation/Construction Requirements

E116.1 This engine shall not be used as part of a demand response program using interruptible service contract in which a facility receives a payment or reduced rates in return for reducing its electric load on the grid when requested to do so by the utility or the grid operator.

[RULE 1470, 5-4-2012]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

[Devices subject to this condition : D116]

E179.3 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that month.

Condition Number D 12- 7

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703 - PSD Analysis, 10-7-1988; RULE 2005, 6-3-2011**]

[Devices subject to this condition : C101, C107, C113]

E179.4 For the purpose of the following condition number(s), continuously record shall be defined as recording at least once every hour and shall be calculated based upon the average of the continuous monitoring for that month.

Condition Number D 12- 8

Condition Number D 12- 9

[**RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703 - PSD Analysis, 10-7-1988; RULE 2005, 6-3-2011**]

[Devices subject to this condition : C101, C107, C113]

E193.2 The operator shall upon completion of construction, operate and maintain this equipment according to the following specifications:

In accordance with all air quality mitigation measures stipulated in the Final Environmental Impact Report (EIR), State Clearing House #2011011079.

[CA PRC CEQA, 11-23-1970]

[Devices subject to this condition : D96, C101, D104, C107, D110, C113, D116]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

E193.3 The operator shall operate and maintain this equipment according to the following requirements:

The commissioning period shall not exceed 460 hours of operation for the combustion turbine from the date of initial turbine start-up.

The operator shall vent this equipment to the CO oxidation catalyst and SCR control system whenever the turbine is in operation after initial commissioning.

The operator shall provide the AQMD with written notification of the initial startup date. Written records of commissioning, startups, and shutdowns shall be maintained and made available upon request from AQMD.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D96]

E193.4 The operator shall operate and maintain this equipment according to the following requirements:

The commissioning period shall not exceed 176 hours of operation for the combustion turbine from the date of initial turbine start-up.

The operator shall vent this equipment to the CO oxidation catalyst and SCR control system whenever the turbine is in operation after initial commissioning.

The operator shall provide the AQMD with written notification of the initial startup date. Written records of commissioning, startups, and shutdowns shall be maintained and made available upon request from AQMD.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1703(a)(2) - PSD-BACT, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D104, D110]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

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The operator shall comply with the terms and conditions set forth below:

E193.5 The operator shall operate and maintain this equipment according to the following requirements:

The operator shall calculate and continuously record the NH₃ slip concentration using the following:

$$\text{NH}_3 \text{ (ppmvd)} = [a - b \cdot (c \cdot 1.2) / 1,000,000] \cdot 1,000,000 / b$$
, where a = NH₃ injection rate (lb/hr)/17(lb/lb-mol), b = dry exhaust flow rate (scf/hr)/(385.5 scf/lb-mol), c = change in measured NO_x across the SCR, ppmvd at 15 percent O₂.

The operator shall install a NO_x analyzer to measure the SCR inlet NO_x ppm accurate to within +/- 5 percent calibrated at least once every 12 months. The operator shall use the method described above or another alternative method approved by the Executive Officer.

The ammonia slip calculation procedures described above shall not be used for compliance determination or emission information determination without corroborative data using an approved reference method for the determination of ammonia. The ammonia slip calculation procedure shall be in-effect no later than 90 days after initial startup of the turbine.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002]

[Devices subject to this condition : C101, C107, C113]

E193.6 The operator shall operate and maintain this equipment according to the following requirements:



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The operator shall comply with the terms and conditions set forth below:

The operator shall record the total net power generated in a calendar month in megawatt-hours.

The operator shall calculate and record greenhouse gas emissions of each calendar month using the following formula:

$$\text{GHG} = 60.139 * \text{FF}$$

Where, GHG is the greenhouse gas emissions in tons of CO₂e and FF is the monthly fuel usage in millions standard cubic feet.

The operator shall calculate and record the GHG emissions in pounds per net megawatt-hours on the 12-month rolling average. The GHG emissions from this equipment shall not exceed 1,026,128 tons per year. The average GHG emissions shall not exceed 936 lbs per net megawatt-hours.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition. The records shall be made available to AQMD upon request.

[RULE 1714, 11-5-2010]

[Devices subject to this condition : D96]

E193.7 The operator shall operate and maintain this equipment according to the following requirements:



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SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

The operator shall record the total net power generated in a calendar month in megawatt-hours. The operator shall calculate and record greenhouse gas emissions of each calendar month using the following formula:

$$\text{GHG} = 60.139 * \text{FF}$$

Where, GHG is the greenhouse gas emissions in tons of CO₂e and FF is the monthly fuel usage in millions standard cubic feet.

The operator shall calculate and record the GHG emissions in pounds per net megawatt-hours on the 12-month rolling average. The GHG emissions from this equipment shall not exceed 261,985 tons per year. The average GHG emissions shall not exceed 1,260 lbs per net megawatt-hours.

The operator shall maintain records in a manner approved by the District to demonstrate compliance with this condition. The records shall be made available to AQMD upon request.

[RULE 1714, 11-5-2010]

[Devices subject to this condition : D104, D110]

E193.8 The operator shall operate and maintain this equipment according to the following specifications:



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The operator shall comply with the terms and conditions set forth below:

The operator shall limit the fuel usage of this device to no more than 1,134 MMBtu in any one hour. The operator shall limit the power generation of this device to no more than 120.7 megawatts gross. The 1,134 MMBtu/hr heat input rate shall be calculated using the following equation.

Heat input = Heat input of natural gas + Heat input of digester gas.

Heat input of natural gas = natural gas flow rate in scf/hr measured by RECLAIM certified fuel meter * 1,050 Btu/scf.

Heat input of digester gas = digester gas flow rate in scf/hr measured by RECLAIM certified fuel meter * higher heating value of the digester gas being used in Btu/scf which is determined by gas chromatography at Hyperion plant. Each batch of digester gas received from Hyperion shall have a separate heat rate determined specifically for the batch.

To demonstrate compliance with this condition the operator shall install and maintain a monitoring and recording device for fuel usage in MMBtu/hr and gross power output in MW.

Records of fuel usage and power generation in gross megawatts shall be kept on site for a minimum of five years. The records shall be available to AQMD personnel upon request.

**[RULE 1304(a)-Modeling and Offset Exemption, 6-14-1996; RULE 3004(a)(4)
-Periodic Monitoring, 12-12-1997]**

[Devices subject to this condition : D24]

E448.1 The operator shall comply with the following requirements:



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The operator shall comply with the terms and conditions set forth below:

Change oil and filter every 500 hours of operation or annually, whichever comes first; Inspect air cleaner every 1,000 hours of operation or annually, whichever comes first; Inspect all hoses and belts every 500 hours of operation or annually, whichever comes first, and replace as necessary.

The engine and the control device shall be operated and maintained in accordance with the manufacturer's written emission-related instructions or procedures developed by the operator that are approved by the engine manufacturer. Changes to those emission-related settings that are set by the manufacturer are not allowed.

Removal of the diesel particulate filter's filter media for cleaning may only occur under the following conditions:

A. The internal combustion engine shall not be operated for maintenance and testing or any other non-emergency use while the diesel particulate filter media is removed; and

B. The diesel particulate filter's filter media shall be returned and re-installed within 10 working days from the date of removal; and

C. The owner or operator shall maintain records indicating the date(s) the diesel particulate filter's filter media was removed for cleaning and the date(s) the filter media was re-installed. Records shall be retained for a minimum period of 36 months.

[RULE 1470, 5-4-2012; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D116]

E448.3 The operator shall comply with the following requirements:



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The operator shall comply with the terms and conditions set forth below:

This engine shall not be operated more than 200 hours in any one year, which includes no more than 50 hours per year and 4.2 per month for maintenance and testing as required in rule 1470(c)(2).

Operation beyond the allotted time for engine maintenance and testing shall be allowed only in the event of a loss of grid power or up to 30 minutes prior to a rotating outage, provided that the utility distribution company has ordered rotating outages in the control area where the engine is located or has indicated that it expects to issue such an order at a certain time, and the engine is located in a utility service block that is subject to the rotating outage.

Engine operation shall be terminated immediately after the utility distribution company advises that a rotating outage is no longer imminent or in effect.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1470, 5-4-2012; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D116]

E448.4 The operator shall comply with the following requirements:



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The operator shall comply with the terms and conditions set forth below:

The engine and the Johnson Matthey CRT+ diesel particulate filter shall be operated in accordance with CARB Executive Order DE-08-009-04.

The engine shall operate at the load level required to achieve 240 degree C for a minimum of 40% of the engine's operating time and a NOx/PM ratio of 15 @ greater than 300 degree C and 20 @ less than 300 degree C. The NOx/PM ratio shall be at least 8 with a preference for 20 or higher.

The engine shall not operate below passive regeneration temperature for more than 720 consecutive minutes. Regeneration is required after 24 consecutive cold starts and 30-minute idle sessions.

Filter cleaning is required after 150 half-hour cold starts with associated regeneration or 1,000 hours of emergency use. The CRTdm, which monitors engine exhaust back pressure and temperature will determine the actual cleaning interval and provide an alert when filter cleaning is required.

The operator shall keep records of any corrective action taken after the CRTdm has notified the operator that a high pressure limit is reached.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 1470, 5-4-2012]

[Devices subject to this condition : D116]

I. Administrative

- 1297.1 This equipment shall not be operated unless the facility holds 177809 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.



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The operator shall comply with the terms and conditions set forth below:

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
April 1 through June 30	44452
January 1 through March 31	44452
July 1 through September 30	44452
October 1 through December 31	44452

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D96]



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The operator shall comply with the terms and conditions set forth below:

I297.2 This equipment shall not be operated unless the facility holds 74745 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
April 1 through June 30	18686
January 1 through March 31	18686
July 1 through September 30	18686



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

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The operator shall comply with the terms and conditions set forth below:

October 1 through December 31

| 18686

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D104]

I297.3 This equipment shall not be operated unless the facility holds 74745 pounds of NO_x RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.



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The operator shall comply with the terms and conditions set forth below:

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
April 1 through June 30	18686
January 1 through March 31	18686
July 1 through September 30	18686
October 1 through December 31	18686

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D110]

- 1297.4 This equipment shall not be operated unless the facility holds 1477 pounds of NOx RTCs in its allocation account to offset the annual emissions increase for the first year of operation. RTCs held to satisfy this condition may be transferred only after one year from the initial start of operation. If the hold amount is partially satisfied by holding RTCs that expire midway through the hold period, those RTCs may be transferred upon their respective expiration dates. This hold amount is in addition to any other amount of RTCs required to be held under other condition(s) stated in this permit.



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The operator shall comply with the terms and conditions set forth below:

In lieu of holding RTCs for the entire duration specified above, RTCs held for the purpose of demonstrating compliance with this condition may be transferred as specified below, provided quarterly emissions do not exceed the corresponding quarterly limit listed in the table below. The amount available for transfer shall be as specified in Rule 2005(f)(3). Such amount may be transferred only after the end of the subject quarter. If the first day of operation does not coincide with the first day of a calendar quarter, the emission limit for that calendar quarter shall be prorated based on the number of days remaining in the calendar quarter as of the first day of operation and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for that calendar quarter pursuant to RECLAIM Monitoring, Recordkeeping, and Reporting protocols (MRR) and the emission limit for the portion of the first year of operation falling in the fifth calendar quarter shall be prorated based on the number of days of the first year of operation occurring in that calendar quarter and the amount available for transfer after that calendar quarter shall be the prorated emission limit minus the actual emissions reportable for the portion of the first year of operation occurring in that calendar quarter pursuant to RECLAIM MRR. If the quarterly certified emissions for any quarter (or portion of a quarter occurring within the first year of operation) exceed the corresponding quarterly emission limit or prorated quarterly emission limit, as applicable, the facility may only sell RTCs held pursuant to Rule 2005(f) after the first calendar quarter ending at least one year after operation commences.

Calendar Quarter	Emission Limit (Pounds of NOx RTCs)
April 1 through June 30	369
January 1 through March 31	369
July 1 through September 30	369
October 1 through December 31	369

[RULE 2005, 6-3-2011]

[Devices subject to this condition : D116]

K. Record Keeping/Reporting



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION H: PERMIT TO CONSTRUCT AND TEMPORARY PERMIT TO OPERATE

The operator shall comply with the terms and conditions set forth below:

K40.2 The operator shall provide to the District a source test report in accordance with the following specifications:

Source test results shall be submitted to the District no later than 90 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv), corrected to 15 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM cubic feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF and in terms of lbs/MMBtu.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 15 percent oxygen.

Source test results shall also include the oxygen levels in the exhaust, the fuel flow rate (CFH), the flue gas temperature, and the generator power output (MW) under which the test was conducted.

[RULE 1303, 5-10-1996; RULE 1303, 12-6-2002; RULE 1703 - PSD Analysis, 10-7-1988; RULE 2005, 6-3-2011]

[Devices subject to this condition : D96, D104, D110]

K40.3 The operator shall provide to the District a source test report in accordance with the following specifications:



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The operator shall comply with the terms and conditions set forth below:

Source test results shall be submitted to the District no later than 60 days after the source test was conducted.

Emission data shall be expressed in terms of concentration (ppmv) corrected to 3 percent oxygen (dry basis), mass rate (lbs/hr), and lbs/MM Cubic Feet. In addition, solid PM emissions, if required to be tested, shall also be reported in terms of grains per DSCF.

All exhaust flow rate shall be expressed in terms of dry standard cubic feet per minute (DSCFM) and dry actual cubic feet per minute (DACFM).

All moisture concentration shall be expressed in terms of percent corrected to 3 percent oxygen.

Source test results shall also include the oxygen levels in the exhaust, fuel flow rate (CFH), the flue gas temperature, and the generator power output (MW) under which the test was conducted.

[RULE 1303(a)(1)-BACT, 5-10-1996; RULE 1303(a)(1)-BACT, 12-6-2002; RULE 2005, 6-3-2011]

[Devices subject to this condition : D24]

K67.4 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):



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The operator shall comply with the terms and conditions set forth below:

Date of operation, the elapsed time, in hours, and the reason for operation. Records shall be kept and maintained on file for a minimum of five years and made available to district personnel upon request.

An engine operating log listing on a monthly basis the emergency use hours of operation, maintenance and testing hours of operation, and any other hours of use with a description of the reason for operation. Additionally, each time the engine is started manually, the log shall include the date of operation and the timer reading in hours at the beginning and end of operation

The log shall be kept for a minimum of five calendar years prior to the current year and be made available to District personnel upon request. The total hours of operation for the previous calendar year shall be recorded sometime during the first 15 days of January of each year.

[RULE 1470, 5-4-2012; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997; 40CFR 60 Subpart III, 6-28-2011]

[Devices subject to this condition : D116]

K67.5 The operator shall keep records, in a manner approved by the District, for the following parameter(s) or item(s):

Natural gas fuel use during the commissioning period

[RULE 2012, 5-6-2005]

[Devices subject to this condition : D96, D104, D110]



**FACILITY PERMIT TO OPERATE
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SECTION I: PLANS AND SCHEDULES

This section lists all plans approved by AQMD for the purposes of meeting the requirements of applicable AQMD rules specified below. The operator shall comply with all conditions specified in the approval of these plans, with the following exceptions:

- a. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) which become effective after December 31, 1993.
- b. The operator does not have to comply with NOx or SOx emission limits from rules identified in Table 1 or Table 2 of Rule 2001(j) after the facility has received final certification of all monitoring and reporting requirements specified in Section F and Section G.

Documents pertaining to the plan applications listed below are available for public review at AQMD Headquarters. Any changes to plan applications will require permit modification in accordance with Title V permit revision procedures.

List of approved plans:

Application	Rule
212508	1404

NOTE: This section does not list compliance schedules pursuant to the requirements of Regulation XXX - Title V Permits; Rule 3004(a)(10)(C). For equipment subject to a variance, order for abatement, or alternative operating condition granted pursuant to Rule 518.2, equipment specific conditions are added to the equipment in Section D or H of the permit.



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SECTION J: AIR TOXICS

NOT APPLICABLE



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

SECTION K: TITLE V Administration

GENERAL PROVISIONS

1. This permit may be revised, revoked, reopened and reissued, or terminated for cause, or for failure to comply with regulatory requirements, permit terms, or conditions. [3004(a)(7)(C)]
2. This permit does not convey any property rights of any sort or any exclusive privilege. [3004(a)(7)(E)]

Permit Renewal and Expiration

3. (A) Except for solid waste incineration facilities subject to standards under section 129(e) of the Clean Air Act, this permit shall expire five years from the date that this Title V permit is issued. The operator's right to operate under this permit terminates at midnight on this date, unless the facility is protected by an application shield in accordance with Rule 3002(b), due to the filing of a timely and complete application for a Title V permit renewal, consistent with Rule 3003. [3004(a)(2), 3004(f)]

(B) A Title V permit for a solid waste incineration facility combusting municipal waste subject to standards under Section 129(e) of the Clean Air Act shall expire 12 years from the date of issuance unless such permit has been renewed pursuant to this regulation. These permits shall be reviewed by the Executive Officer at least every five years from the date of issuance. [3004(f)(2)]
4. To renew this permit, the operator shall submit to the Executive Officer an application for renewal at least 180 days, but not more than 545 days, prior to the expiration date of this permit. [3003(a)(6)]

Duty to Provide Information

5. The applicant for, or holder of, a Title V permit shall furnish, pursuant to Rule 3002(d) and (e), timely information and records to the Executive Officer or designee within a reasonable time as specified in writing by the Executive Officer or designee. [3004(a)(7)(F)]

Payment of Fees

6. The operator shall pay all required fees specified in Regulation III - Fees. [3004(a)(7)(G)]



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Reopening for Cause

7. The Executive Officer will reopen and revise this permit if any of the following circumstances occur:
- (A) Additional regulatory requirements become applicable with a remaining permit term of three or more years. Reopening is not required if the effective date of the requirement is later than the expiration date of this permit, unless the permit or any of its terms and conditions has been extended pursuant to paragraph (f)(4) of Rule 3004.
 - (B) The Executive Officer or EPA Administrator determines that this permit contains a material mistake or that inaccurate statements were made in establishing the emissions standards or other terms or conditions of this permit.
 - (C) The Executive Officer or EPA Administrator determines that the permit must be revised or revoked to assure compliance with the applicable requirements. [3005(g)(1)]

COMPLIANCE PROVISIONS

8. The operator shall comply with all regulatory requirements, and all permit terms and conditions, except:
- (A) As provided for by the emergency provisions of condition no. 17 or condition no. 18, or
 - (B) As provided by an alternative operating condition granted pursuant to a federally approved (SIP-approved) Rule 518.2.

Any non-compliance with any federally enforceable permit condition constitutes a violation of the Federal Clean Air Act and is grounds for enforcement action; for permit termination, revocation and reissuance, or revision; or denial of a permit renewal application. Non-compliance may also be grounds for civil or criminal penalties under the California State Health and Safety Code. [3004(a)(7)(A)]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

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9. The operator shall allow the Executive Officer or authorized representative, upon presentation of appropriate credentials to:
 - (A) Enter the operator's premises where emission-related activities are conducted, or records are kept under the conditions of this permit;
 - (B) Have access to and copy, at reasonable times, any records that must be kept under the conditions of the permit;
 - (C) Inspect at reasonable times, any facilities, equipment (including monitoring and air pollution control equipment), practices, or operations regulated or required under the permit; and
 - (D) Sample or monitor at reasonable times, substances or parameters for the purpose of assuring compliance with the facility permit or regulatory requirements. [3004(a)(10)(B)]

10. All terms and conditions in this permit, including any provisions designed to limit a facility's potential to emit, are enforceable by the EPA Administrator and citizens under the federal Clean Air Act, unless the term or condition is designated as not federally enforceable. Each day during any portion of which a violation occurs is a separate offense. [3004(g)]

11. A challenge to any permit condition or requirement raised by EPA, the operator, or any other person, shall not invalidate or otherwise affect the remaining portions of this permit. [3007(b)]

12. The filing of any application for a permit revision, revocation, or termination, or a notification of planned changes or anticipated non-compliance does not stay any permit condition. [3004(a)(7)(D)]

13. It shall not be a defense for a person in an enforcement action, including those listed in Rule 3002(c)(2), that it would have been necessary to halt or reduce the permitted activity in order to maintain compliance with the conditions of this permit, except as provided for in "Emergency Provisions" of this section. [3004(a)(7)(H)]



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14. The operator shall not build, erect, install, or use any equipment, the use of which, without resulting in a reduction in the total release of air contaminants to atmosphere, reduces or conceals an emission which would otherwise constitute a violation of Chapter 3 (commencing with Section 41700) of Part 4, of Division 26 of the California Health and Safety Code or of AQMD rules. This rule shall not apply to cases in which the only violation involved is of Section 41700 of the California Health and Safety Code, or Rule 402 of AQMD Rules. [408]
15. Nothing in this permit or in any permit shield can alter or affect:
- (A) Under Section 303 of the federal Clean Air Act, the provisions for emergency orders;
 - (B) The liability of the operator for any violation of applicable requirements prior to or at the time of permit issuance;
 - (C) The applicable requirements of the Acid Rain Program, Regulation XXXI;
 - (D) The ability of EPA to obtain information from the operator pursuant to Section 114 of the federal Clean Air Act;
 - (E) The applicability of state or local requirements that are not "applicable requirements", as defined in Rule 3000, at the time of permit issuance but which do apply to the facility, such as toxics requirements unique to the State; and
 - (F) The applicability of regulatory requirements with compliance dates after the permit issuance date. [3004(c)(3)]
16. For any portable equipment that requires an AQMD or state permit or registration, excluding a) portable engines, b) military tactical support equipment and c) AQMD-permitted portable equipment that are not a major source, are not located at the facility for more than 12 consecutive months after commencing operation, and whose operation does not conflict with the terms or conditions of this Title V permit: 1) the facility operator shall keep a copy of the AQMD or state permit or registration; 2) the equipment operator shall comply with the conditions on the permit or registration and all other regulatory requirements; and 3) the facility operator shall treat the permit or registration as a part of its Title V permit, subject to recordkeeping, reporting and certification requirements. [3004(a)(1)]



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SECTION K: TITLE V Administration EMERGENCY PROVISIONS

17. An emergency¹ constitutes an affirmative defense to an action brought for noncompliance with a technology-based emission limit only if:
- (A) Properly signed, contemporaneous operating records or other credible evidence demonstrate that:
 - (1) An emergency occurred and the operator can identify the cause(s) of the emergency;
 - (2) The facility was operated properly (i.e. operated and maintained in accordance with the manufacturer's specifications, and in compliance with all regulatory requirements or a compliance plan), before the emergency occurred;
 - (3) The operator took all reasonable steps to minimize levels of emissions that exceeded emissions standard, or other requirements in the permit; and,
 - (4) The operator submitted a written notice of the emergency to the AQMD within two working days of the time when the emissions limitations were exceeded due to the emergency. The notice shall contain a description of the emergency, any steps taken to mitigate emissions, and corrective actions taken; and
 - (B) The operator complies with the breakdown provisions of Rule 430 – Breakdown Provisions, or subdivision (i) of Rule 2004 – Requirements, whichever is applicable. [3002(g), 430, 2004(i)]
18. The operator is excused from complying with any regulatory requirement that is suspended by the Executive Officer during a state of emergency or state of war emergency, in accordance with Rule 118 - Emergencies. [118]

¹ "Emergency" means any situation arising from sudden and reasonably unforeseeable events beyond the control of the operator, including acts of God, which: (A) requires immediate corrective action to restore normal operation; and (B) causes the facility to exceed a technology-based emission limitation under the permit, due to unavoidable increases in emissions attributable to the emergency; and (C) is not caused by improperly designed equipment, lack of preventative maintenance, careless or improper operation, or operator error.



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SECTION K: TITLE V Administration RECORDKEEPING PROVISIONS

19. In addition to any other recordkeeping requirements specified elsewhere in this permit, the operator shall keep records of required monitoring information, where applicable, that include:

- (A) The date, place as defined in the Title V permit, and time of sampling or measurements;
- (B) The date(s) analyses were performed;
- (C) The company or entity that performed the analyses;
- (D) The analytical techniques or methods used;
- (E) The results of such analyses; and
- (F) The operating conditions as existing at the time of sampling or measurement.
[3004(a)(4)(B)]

20. The operator shall maintain records pursuant to Rule 109 and any applicable material safety data sheet (MSDS) for any equipment claimed to be exempt from a written permit by Rule 219 based on the information in those records. [219(t)]

21. The operator shall keep all records of monitoring data required by this permit or by regulatory requirements for a period of at least five years from the date of the monitoring sample, measurement, report, or application. [3004(a)(4)(E)]

REPORTING PROVISIONS

22. The operator shall comply with the following requirements for prompt reporting of deviations:

- (A) Breakdowns shall be reported as required by Rule 430 – Breakdown Provisions or subdivision (i) of Rule 2004 - Requirements, whichever is applicable.



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- (B) Other deviations from permit or applicable rule emission limitations, equipment operating conditions, or work practice standards, determined by observation or by any monitoring or testing required by the permit or applicable rules that result in emissions greater than those allowed by the permit or applicable rules shall be reported within 72 hours (unless a shorter reporting period is specified in an applicable State or Federal Regulation) of discovery of the deviation by contacting AQMD enforcement personnel assigned to this facility or otherwise calling (800) CUT-SMOG.
 - (C) A written report of such deviations reported pursuant to (B), and any corrective actions or preventative measures taken, shall be submitted to AQMD, in an AQMD approved format, within 14 days of discovery of the deviation.
 - (D) All other deviations shall be reported with the monitoring report required by condition no. 23. [3004(a)(5)]
23. Unless more frequent reporting of monitoring results are specified in other permit conditions or in regulatory requirements, the operator shall submit reports of any required monitoring to the AQMD at least twice per year. The report shall include a) a statement whether all monitoring required by the permit was conducted; and b) identification of all instances of deviations from permit or regulatory requirements. A report for the first six calendar months of the year is due by August 31 and a report for the last six calendar months of the year is due by February 28. [3004(a)(4)(F)]
24. The operator shall submit to the Executive Officer and to the Environmental Protection Agency (EPA), an annual compliance certification. For RECLAIM facilities, the certification is due when the Annual Permit Emissions Program (APEP) report is due and shall cover the same reporting period. For other facilities, the certification is due on March 1 for the previous calendar year. The certification need not include the period preceding the date the initial Title V permit was issued. Each compliance certification shall include:
- (A) Identification of each permit term or condition that is the basis of the certification;



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

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- (B) The compliance status during the reporting period;
- (C) Whether compliance was continuous or intermittent;
- (D) The method(s) used to determine compliance over the reporting period and currently, and
- (E) Any other facts specifically required by the Executive Officer to determine compliance.

The EPA copy of the certification shall be sent to: Director of the Air Division Attn:
Air-3 USEPA, Region IX 75 Hawthorne St. San Francisco, CA 94105 [3004(a)(10)(E)]

25. All records, reports, and documents required to be submitted by a Title V operator to AQMD or EPA shall contain a certification of accuracy consistent with Rule 3003(c)(7) by a responsible official (as defined in Rule 3000). [3004(a)(12)]

PERIODIC MONITORING

26. All periodic monitoring required by this permit pursuant to Rule 3004(a)(4)(c) is based on the requirements and justifications in the AQMD document "Periodic Monitoring Guidelines for Title V Facilities" or in case-by-case determinations documented in the TitleV application file. [3004(a)(4)]



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FACILITY RULES

This facility is subject to the following rules and regulations

With the exception of Rule 402, 473, 477, 1118 and Rules 1401 through 1420, the following rules that are designated as non-federally enforceable are pending EPA approval as part of the state implementation plan. Upon the effective date of that approval, the approved rule(s) will become federally enforceable, and any earlier versions of those rules will no longer be federally enforceable.

RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1113	7-13-2007	Federally enforceable
RULE 1113	9-6-2013	Non federally enforceable
RULE 1140	2-1-1980	Federally enforceable
RULE 1140	8-2-1985	Non federally enforceable
RULE 1171	2-1-2008	Federally enforceable
RULE 1171	5-1-2009	Non federally enforceable
RULE 118	12-7-1995	Non federally enforceable
RULE 1303	5-10-1996	Federally enforceable
RULE 1303(a)	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	12-6-2002	Non federally enforceable
RULE 1303(a)(1)-BACT	5-10-1996	Federally enforceable
RULE 1303(a)-BACT	5-10-1996	Federally enforceable
RULE 1303(b)(2)-Offset	12-6-2002	Non federally enforceable
RULE 1303(b)(2)-Offset	5-10-1996	Federally enforceable
RULE 1304(a)-Modeling and Offset Exemption	6-14-1996	Federally enforceable
RULE 1325	6-3-2011	Non federally enforceable
RULE 1404	4-6-1990	Non federally enforceable
RULE 1470	5-4-2012	Non federally enforceable
RULE 1703 - PSD Analysis	10-7-1988	Federally enforceable
RULE 1703(a)(2) - PSD-BACT	10-7-1988	Federally enforceable



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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
RULE 1714	11-5-2010	Non federally enforceable
RULE 2005	6-3-2011	Federally enforceable
RULE 2009	1-7-2005	Non federally enforceable
RULE 2012	5-6-2005	Federally enforceable
RULE 204	10-8-1993	Federally enforceable
RULE 217	1-5-1990	Federally enforceable
RULE 219	9-4-1981	Federally enforceable
RULE 3002	11-14-1997	Federally enforceable
RULE 3003	11-14-1997	Federally enforceable
RULE 3004(a)(4)-Periodic Monitoring	12-12-1997	Federally enforceable
RULE 3005	11-14-1997	Federally enforceable
RULE 3007	10-8-1993	Federally enforceable
RULE 304	1-14-1982	Non federally enforceable
RULE 401	11-9-2001	Non federally enforceable
RULE 401	3-2-1984	Federally enforceable
RULE 402	5-7-1976	Non federally enforceable
RULE 404	2-7-1986	Federally enforceable
RULE 405	2-7-1986	Federally enforceable
RULE 407	4-2-1982	Federally enforceable
RULE 408	5-7-1976	Federally enforceable
RULE 409	8-7-1981	Federally enforceable
RULE 430	7-12-1996	Non federally enforceable
RULE 431.1	6-12-1998	Federally enforceable
RULE 431.2	5-4-1990	Federally enforceable
RULE 431.2	9-15-2000	Non federally enforceable
RULE 464	12-7-1990	Federally enforceable
RULE 475	10-8-1976	Federally enforceable
RULE 475	8-7-1978	Non federally enforceable
RULE 701	6-13-1997	Federally enforceable
RULE 802	8-1-1975	Non federally enforceable
CA PRC CEQA	11-23-1970	Non federally enforceable
40CFR 60 Subpart D	10-4-1991	Federally enforceable



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RULE SOURCE	Adopted/Amended Date	FEDERAL Enforceability
40CFR 60 Subpart IIII	6-28-2011	Federally enforceable
40CFR 60 Subpart KKKK	7-6-2006	Federally enforceable
40CFR 63 Subpart ZZZZ	1-30-2013	Federally enforceable
40CFR 68 - Accidental Release Prevention	5-24-1996	Federally enforceable
40CFR 72 - Acid Rain Provisions	11-24-1997	Federally enforceable
40CFR 73 Subpart B	1-11-1993	Federally enforceable



**FACILITY PERMIT TO OPERATE
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**APPENDIX A: NOX AND SOX EMITTING EQUIPMENT EXEMPT FROM WRITTEN
PERMIT PURSUANT TO RULE 219**

1. INTERNAL COMBUSTION ENGINE, LEAF BLOWER, GASOLINE
2. INTERNAL COMBUSTION ENGINE, EDGER, GASOLINE
3. INTERNAL COMBUSTION ENGINE, LAWN MOWER, GASOLINE
4. INTERNAL COMBUSTION ENGINE, COMPRESSOR, DIESEL



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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]**

- (1) Except as provided in paragraphs (c)(2), (c)(3), (c)(4), and specified coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage any architectural coating for use in the District which, at the time of sale or manufacture, contains more than 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, and less any colorant added to tint bases, and no person shall apply or solicit the application of any architectural coating within the District that exceeds 250 grams of VOC per liter of coating as calculated in this paragraph.
- (2) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, manufacture, blend, or repackage, for use within the District, any architectural coating listed in the Table of Standards which contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified, and no person shall apply or solicit the application of any architectural coating within the District that exceeds the VOC limit as specified in this paragraph. No person shall apply or solicit the application within the District of any industrial maintenance coatings, except anti-graffiti coatings, for residential use or for use in areas such as office space and meeting rooms of industrial, commercial or institutional facilities not exposed to such extreme environmental conditions described in the definition of industrial maintenance coatings; or of any rust-preventative coating for industrial use, unless such a rust preventative coating complies with the Industrial Maintenance Coating VOC limit specified in the Table of Standards.



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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007] TABLE OF STANDARDS VOC LIMITS

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Bond Breakers	350							
Clear Wood Finishes	350					275		
Varnish	350					275		
Sanding Sealers	350					275		
Lacquer	680	550			275			
Clear Brushing Lacquer	680				275			
Concrete-Curing Compounds	350						100	
Concrete-Curing Compounds For Roadways and Bridges**	350							
Dry-Fog Coatings	400						150	
Fire-Proofing Exterior Coatings	450	350						
Fire-Retardant Coatings***								
Clear	650							
Pigmented	350							
Flats	250	100						50
Floor Coatings	420		100			50		
Graphic Arts (Sign) Coatings	500							
Industrial Maintenance (IM) Coatings	420			250		100		
High Temperature IM Coatings			420					
Zinc-Rich IM Primers	420		340			100		
Japans/Faux Finishing Coatings	700	350						
Magnesite Cement Coatings	600	450						
Mastic Coatings	300							
Metallic Pigmented Coatings	500							
Multi-Color Coatings	420	250						
Nonflat Coatings	250		150			50		



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APPENDIX B: RULE EMISSION LIMITS [RULE 1113 07-13-2007]

COATING CATEGORY	Ceiling Limit*	Current Limit	Effective Date					
			1/1/03	1/1/04	1/1/05	7/1/06	7/1/07	7/1/08
Nonflat High Gloss	250		150				50	
Pigmented Lacquer	680	550			275			
Pre-Treatment Wash Primers	780		420					
Primers, Sealers, and Undercoaters	350		200			100		
Quick-Dry Enamels	400		250			150	50	
Quick-Dry Primers, Sealers, and Undercoaters	350		200			100		
Recycled Coatings			250					
Roof Coatings	300		250		50			
Roof Coatings, Aluminum	500				100			
Roof Primers, Bituminous	350		350					
Rust Preventative Coatings	420		400			100		
Shellac								
Clear	730							
Pigmented	550							
Specialty Primers	350					250	100	
Stains	350		250				100	
Stains, Interior	250							
Swimming Pool Coatings								
Repair	650		340					
Other	340							
Traffic Coatings	250	150					100	
Waterproofing Sealers	400		250			100		
Waterproofing Concrete/Masonry Sealers	400					100		
Wood Preservatives								
Below-Ground	350							
Other	350							

* The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.

** Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

*** The Fire-Retardant Coating category will be eliminated on January 1, 2007 and subsumed by the coating category for which they are formulated.



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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 07-13-2007]**

**TABLE OF STANDARDS (cont.)
VOC LIMITS**

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

- (1) Except as provided in paragraphs (c)(3), (c)(4), and designated coatings averaged under (c)(6), no person shall supply, sell, offer for sale, market, manufacture, blend, repackage, apply, store at a worksite, or solid the application of any architectural coating within in the District:
 - (A) That is listed in the Table of Standards 1 and contains VOC (excluding any colorant added to tint bases) in excess of the corresponding VOC limit specified in the table, after the effective date specified; or
 - (B) That is not listed in the Table of Standards 1, and contains VOC (excluding any colorant added to tint bases) in excess of 250 grams of VOC per liter of coating (2.08 pounds per gallon), less water, less exempt compounds, until January 1, 2014, at which time the limit drops to 50 grams of VOC per liter of coating, less water, less exempt compounds (0.42 pounds per gallon).
- (2) No person within the District shall add colorant at the point of sale that is listed in the Table of Standards 2 and contains VOC in excess of the corresponding VOC limit specified in the Table of Standards 2, after the effective date specified.



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]**

**TABLE OF STANDARDS I
VOC LIMITS**

**Grams of VOC Per Liter of Coating,
Less Water and Less Exempt Compounds**

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Bond Breakers		350			
Clear Wood Finishes		275			
Varnish	350	275			
Sanding Sealers	350	275			
Lacquer		275			
Concrete-Curing Compounds		100			
Concrete-Curing Compounds For Roadways and Bridges ³		350			
Concrete Surface Retarder		250			50
Driveway Sealer		100		50	
Dry-Fog Coatings		150			50
Faux Finishing Coatings					
Clear Topcoat		350		200	100
Decorative Coatings		350			
Glazes		350			
Japan		350			
Trowel Applied Coatings		350		150	50
Fire-Proofing Coatings		350			150
Flats	250	50	50		
Floor Coatings	100	50			
Form Release Compound		250			100
Graphic Arts (Sign) Coatings		500			150
Industrial Maintenance (IM) Coatings	420	100			
High Temperature IM Coatings		420			
Non-Sacrificial Anti-Graffiti Coatings		100			
Zinc-Rich IM Primers		100			
Magnesite Cement Coatings		450			
Mastic Coatings		300			100
Metallic Pigmented Coatings	500	500			150
Multi-Color Coatings		250			
Nonflat Coatings	150	50			
Pre-Treatment Wash Primers		420			
Primers, Sealers, and Undercoaters		100			
Reactive Penetrating Sealers		350			



**FACILITY PERMIT TO OPERATE
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**APPENDIX B: RULE EMISSION LIMITS
[RULE 1113 09-06-2013]**

Recycled Coatings		250			
Roof Coatings		50			
Roof Coatings, Aluminum		100			
Roof Primers, Bituminous		350			
Rust Preventative Coatings	400	100			
Sacrificial Anti-Graffiti Coatings		100		50	
Shellac Clear		730			



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 1113 09-06-2013]

COATING CATEGORY	Ceiling Limit ¹	Current Limit ²	Effective Date		
			7/1/08	1/1/12	1/1/14
Pigmented		550			
Specialty Primers		100			
Stains	350	100			
Stains, Interior	250	250			
Stone Consolidant		450			
Swimming Pool Coatings					
Repair		340			
Other		340			
Traffic Coatings		100			
Waterproofing Sealers		100			
Waterproofing Concrete/Masonry Sealers		100			
Wood Preservatives		350			

- 1 The specified ceiling limits are applicable to products sold under the Averaging Compliance Option.
- 2 The specified limits remain in effect unless revised limits are listed in subsequent columns in the Table of Standards.
- 3 Does not include compounds used for curbs and gutters, sidewalks, islands, driveways and other miscellaneous concrete areas.

TABLE OF STANDARDS 1 (cont.) VOC LIMITS

Grams of VOC Per Liter of Material

COATING	Limit
Low-Solids Coating	120

TABLE OF STANDARDS 2 VOC LIMITS FOR COLORANTS

Grams of VOC Per Liter of Colorant Less Water and Less Exempt Compounds

COLORANT ADDED TO	Limit ⁴
Architectural Coatings, excluding IM Coatings	50
Solvent-Based IM	600
Waterborne IM	50

4. Effective January 1, 2014.



FACILITY PERMIT TO OPERATE LA CITY. DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 02-01-1980]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).
- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 1140 08-02-1985]

- (1) The operator shall not, if he complies with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 2 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (1)(A).

- (2) The operator shall not, if he is not complying with an applicable performance standard in section (b)(4) of Rule 1140, discharge into the atmosphere from any abrasive blasting any air contaminant for a period or periods aggregating more than three minutes in any one hour which is:
 - (A) As dark or darker in shade as that designated as No. 1 on the Ringelmann Chart, as published by the United States Bureau of Mines, or
 - (B) Of such opacity as to obscure an observer's view to a degree equal to or greater than does smoke described in (2)(A).



**FACILITY PERMIT TO OPERATE
LA CITY. DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		
(iii) Medical Devices & Pharmaceuticals	800 (6.7)		
(B) Repair and Maintenance Cleaning			
(i) General	25 (0.21)		
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)		



**FACILITY PERMIT TO OPERATE
LA CITY. DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 02-01-2008]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals			
(A) Tools, Equipment, & Machinery	800 (6.7)		
(B) General Work Surfaces	600 (5.0)		
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)		
(D) Cleaning of Ink Application Equipment			
(i) General	25 (0.21)		
(ii) Flexographic Printing	25 (0.21)		
(iii) Gravure Printing			
(A) Publication	100 (0.83)		
(B) Packaging	25 (0.21)		
(iv) Lithographic (Offset) or Letter Press Printing			
(A) Roller Wash, Blanket Wash, & On-Press Components			
(I) Newsprint	100 (0.83)		



**FACILITY PERMIT TO OPERATE
 LA CITY, DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 02-01-2008]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2008*	EFFECTIVE 1/1/2009
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(II) Other Substrates	500 (4.2)	100 (0.83)	
(B) Removable Press Components	25 (0.21)		
(v) Screen Printing	500 (4.2)	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)		
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)		

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 1171 05-01-2009]**

(1) Solvent Requirements

A person shall not use a solvent to perform solvent cleaning operations unless the solvent complies with the applicable requirements set forth below:

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(A) Product Cleaning During Manufacturing Process Or Surface Preparation For Coating, Adhesive, Or Ink Application		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	
(iii) Medical Devices & Pharmaceuticals	800 (6.7)	
(B) Repair and Maintenance Cleaning		
(i) General	25 (0.21)	
(ii) Electrical Apparatus Components & Electronic Components	100 (0.83)	



**FACILITY PERMIT TO OPERATE
 LA CITY, DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 1171 05-01-2009]**

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(iii) Medical Devices & Pharmaceuticals		
(A) Tools, Equipment, & Machinery	800 (6.7)	
(B) General Work Surfaces	600 (5.0)	
(C) Cleaning of Coatings or Adhesives Application Equipment	25 (0.21)	
(D) Cleaning of Ink Application Equipment		
(i) General	25 (0.21)	
(ii) Flexographic Printing	25 (0.21)	
(iii) Gravure Printing		
(A) Publication	100 (0.83)	
(B) Packaging	25 (0.21)	
(iv) Lithographic (Offset) or Letter Press Printing		
(A) Roller Wash, Blanket Wash, & On-Press Components	100 (0.83)	



FACILITY PERMIT TO OPERATE LA CITY. DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 1171 05-01-2009]

	CURRENT LIMITS*	EFFECTIVE 1/1/2010
SOLVENT CLEANING ACTIVITY (cont.)	VOC g/l (lb/gal)	VOC g/l (lb/gal)
(B) Removable Press Components	25 (0.21)	
(v) Screen Printing	100 (0.83)	
(vi) Ultraviolet Ink/ Electron Beam Ink Application Equipment (except screen printing)	650 (5.4)	100 (0.83)
(vii) Specialty Flexographic Printing	100 (0.83)	
(E) Cleaning of Polyester Resin Application Equipment	25 (0.21)	

* The specified limits remain in effect unless revised limits are listed in subsequent columns.



**FACILITY PERMIT TO OPERATE
 LA CITY, DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 404 02-07-1986]**

The operator shall not discharge into the atmosphere from this equipment, particulate matter in excess of the concentration at standard conditions, shown in Table 404(a). Where the volume discharged is between figures listed in the Table, the exact concentration permitted to be discharged shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 404(a)

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
25 or less	883 or less	450	0.196	900	31780	118	0.0515
30	1059	420	.183	1000	35310	113	.0493
35	1236	397	.173	1100	38850	109	.0476
40	1413	377	.165	1200	42380	106	.0463
45	1589	361	.158	1300	45910	102	.0445



**FACILITY PERMIT TO OPERATE
LA CITY, DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
[RULE 404 02-07-1986]**

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter" Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot	Cubic meters Per Minute	Cubic feet Per Minute	Milligrams per Cubic Meter	Grains per Cubic Foot
50	1766	347	.152	1400	49440	100	.0437
60	2119	324	.141	1500	52970	97	.0424
70	2472	306	.134	1750	61800	92	.0402
80	2825	291	.127	2000	70630	87	.0380
90	3178	279	.122	2250	79460	83	.0362
100	3531	267	.117	2500	88290	80	.0349
125	4414	246	.107	3000	105900	75	.0327
150	5297	230	.100	4000	141300	67	.0293
175	6180	217	.0947	5000	176600	62	.0271
200	7063	206	.0900	6000	211900	58	.0253
250	8829	190	.0830	8000	282500	52	.0227
300	10590	177	.0773	10000	353100	48	.0210
350	12360	167	.0730	15000	529700	41	.0179
400	14130	159	.0694	20000	706300	37	.0162
450	15890	152	.0664	25000	882900	34	.0148



FACILITY PERMIT TO OPERATE LA CITY. DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 404 02-07-1986]

Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions		Volume Discharged Calculated as Dry Gas At Standard Conditions		Maximum Concentration of Particulate Matter Allowed in Discharged Gas Calculated as Dry Gas at Standard Conditions	
		Milligrams per Cubic Meter	Grains per Cubic Foot			Milligrams per Cubic Meter	Grains per Cubic Foot
Cubic meters Per Minute	Cubic feet Per Minute			Cubic meters Per Minute	Cubic feet Per Minute		
500	17660	146	.0637	30000	1059000	32	.0140
600	21190	137	.0598	40000	1413000	28	.0122
700	24720	129	.0563	50000	1766000	26	.0114
800	28250	123	.0537	70000 or more	2472000 or more	23	.0100



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [RULE 405 02-07-1986]

The operator shall not discharge into the atmosphere from this equipment, solid particulate matter including lead and lead compounds in excess of the rate shown in Table 405(a).

Where the process weight per hour is between figures listed in the table, the exact weight of permitted discharge shall be determined by linear interpolation.

For the purposes of this rule, emissions shall be averaged over one complete cycle of operation or one hour, whichever is the lesser time period.

TABLE 405(a)

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
		Kilograms Per Hour	Pounds Per Hour			Kilograms Per Hour	Pounds Per Hour
100 or less	220 or less	0.450	0.99	9000	19840	5.308	11.7
150	331	0.585	1.29	10000	22050	5.440	12.0
200	441	0.703	1.55	12500	27560	5.732	12.6
250	551	0.804	1.77	15000	33070	5.982	13.2
300	661	0.897	1.98	17500	38580	6.202	13.7
350	772	0.983	2.17	20000	44090	6.399	14.1
400	882	1.063	2.34	25000	55120	6.743	14.9
450	992	1.138	2.51	30000	66140	7.037	15.5
500	1102	1.209	2.67	35000	77160	7.296	16.1
600	1323	1.340	2.95	40000	88180	7.527	16.6



**FACILITY PERMIT TO OPERATE
 LA CITY. DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
 [RULE 405 02-07-1986]**

Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All Points of Process)		Process Weight Per Hour		Maximum Discharge Rate Allowed for Solid Particulate Matter (Aggregate Discharged From All points of Process)	
Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour	Kilograms Per Hour	Pounds Per Hour
700	1543	1.461	3.22	45000	99210	7.738	17.1
800	1764	1.573	3.47	50000	110200	7.931	17.5
900	1984	1.678	3.70	60000	132300	8.277	18.2
1000	2205	1.777	3.92	70000	154300	8.582	18.9
1250	2756	2.003	4.42	80000	176400	8.854	19.5
1500	3307	2.206	4.86	90000	198400	9.102	20.1
1750	3858	2.392	5.27	100000	220500	9.329	20.6
2000	4409	2.563	5.65	125000	275600	9.830	21.7
2250	4960	2.723	6.00	150000	330700	10.26	22.6
2500	5512	2.874	6.34	175000	385800	10.64	23.5
2750	6063	3.016	6.65	200000	440900	10.97	24.2
3000	6614	3.151	6.95	225000	496000	11.28	24.9
3250	7165	3.280	7.23	250000	551200	11.56	25.5
3600	7716	3.404	7.50	275000	606300	11.82	26.1
4000	8818	3.637	8.02	300000	661400	12.07	26.6
4500	9921	3.855	8.50	325000	716500	12.30	27.1
5000	11020	4.059	8.95	350000	771600	12.51	27.6
6000	13230	4.434	9.78	400000	881800	12.91	28.5
7000	15430	4.775	10.5	450000	992100	13.27	29.3
8000	17640	5.089	11.2	500000 or more	1102000 or more	13.60	30.0



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

1. A Title V permit revision is not required for emission increases that are authorized by allowances acquired under the Acid Rain Program, provided that the increases do not trigger a Title V permit revision under any other applicable requirement. [70.6 (a)(4)(ii)]

Monitoring Requirements

2. The owners and operators and, to the extent applicable, the designated representative of each affected source and each affected unit at the source shall comply with the monitoring requirements as provided in 40 CFR Parts 74, 75, and 76. [40 CFR 72.50, 72.31, 72.9(b)(1)]
3. The emissions measurements recorded and reported in accordance with 40 CFR Part 75 shall be used to determine compliance by the unit with the acid rain emissions limitations and emissions reduction requirements for sulfur dioxide (SO₂) under the Acid Rain Program. [40 CFR 72.9(b)(2), 40 CFR 75.2]
4. The requirements of 40 CFR Parts 74 and 75 shall not affect the responsibility of the operator to monitor emissions of other pollutants or other emissions characteristics at the unit under other applicable requirements and other provisions of this permit. [40 CFR 72.9(b)(3), 40 CFR 72.5]

Sulfur Dioxide Requirements

5. The owners and operators of each source and each affected unit at the source shall:
 - (A) Hold allowances, as of the allowance transfer deadline, in the unit's compliance subaccount (after deductions under 40 CFR Part 73, Section 73.34(C)) not less than the total annual emissions of SO₂ for the previous calendar year from the unit; and, [40 CFR 72.9(c)(i)],
 - (B) Comply with the applicable acid rain emissions limitations for SO₂. [40 CFR 72.9(c)(ii)]
6. Each ton of SO₂ emitted in excess of the acid rain emissions limitations for sulfur dioxide shall constitute a separate violation of the Act. [40 CFR 72.9(g)(7)]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

7. SO₂ allowances shall be held in, deducted from, or transferred among allowance tracking system accounts in accordance with the Acid Rain Program. [40 CFR 72.9(g)(4)]
8. A SO₂ allowance shall not be deducted in order to comply with the requirements under paragraph 41(A) of the SO₂ requirements prior to the calendar year for which the allowance was allocated. [40 CFR 72.9(g)(5)]
9. An affected unit shall be subject to the SO₂ requirements under the Acid Rain Program as follows:[40 CFR 72.6(a)]
 - (A) Starting January 1, 2000, an affected unit under 40 CFR Part 72, Section 72.6(a)(2); or [40 CFR 72.6(a)(2)]
 - (B) Starting on the later of January 1, 2000 or the deadline for monitor certification under 40 CFR Part 75, an affected unit under 40 CFR Part 72, Section 72.6(a)(3). [40CFR 72.6(a)(3)]
10. An allowance allocated by the EPA administrator under the Acid Rain Program is a limited authorization to emit SO₂ in accordance with the Acid Rain Program. No provision of the Acid Rain Program, the acid rain permit application, the acid rain permit, or the written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14, and no provision of law shall be construed to limit the authority of the United States to terminate or limit such authorization. [40 CFR 72.9 (c)(6)]
11. An allowance allocated by the EPA Administrator under the Acid Rain Program does not constitute a property right. [40 CFR 72.9(c)(7)]

Excess Emissions Requirements

12. The designated representative of an affected unit that has excess emissions in any calendar year shall submit a proposed offset plan, as required under 40 CFR Part 77. [40 CFR 72.9(e)]



FACILITY PERMIT TO OPERATE LA CITY. DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

13. The owners and operators of an affected unit that has excess emissions in any calendar year shall: [40 CFR 72.9(e)(2)]

(A) Pay without demand the penalty required, and pay upon demand the interest on that penalty, as required by 40 CFR Part 77; and [40 CFR 72.9(e)(2)(i)]

(B) Comply with the terms of an approved offset plan, as required by 40 CFR Part 77. [40 CFR 72.9(e)(2)(ii)]

Recordkeeping and Reporting Requirements

14. Unless otherwise provided, the owners and operators of the source and each affected unit at the source that are subject to the acid rain provisions under Title IV shall keep on site at the source each of the following documents for a period of five years from the date the document is created. This period may be extended for cause, at any time prior to the end of five years, in writing by the EPA Administrator or the Executive Officer: [40 CFR 72.9(f)(1)]

(A) The certificate of representation for the designated representative for the source and each affected unit at the source and all documents that demonstrate the truth of the statements in the certificate of representation, in accordance with 40 CFR 72.24; provided that the certificate and documents shall be retained on site at the source beyond such five year period until such documents are superseded because of the submission of a new certificate of representation changing the designated representative; [40 CFR 72.9(f)(1)(i)]

(B) All emissions monitoring information, in accordance with 40 CFR Part 75; [40 CFR 72.9(f)(1)(ii)]

(C) Copies of all reports, compliance certifications, and other submissions and all records made or required under the Acid Rain Program; and, [40 CFR 72.9(f)(1)(iii)]

(D) Copies of all documents used to complete an acid rain permit application and any other submission under the Acid Rain Program or to demonstrate compliance with the requirements of the Acid Rain Program. [40 CFR 72.9(f)(1)(iv)]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

15. The designated representative of an affected source and each affected unit at the source shall submit the reports and compliance certifications required under the Acid Rain Program, including those under 40 CFR Part 72 Subpart I and 40 CFR Part 75. [40 CFR 72.9(f)(2)]

Liability

16. Any person who knowingly violates any requirement or prohibition of the Acid Rain Program, a complete acid rain permit application, an acid rain permit, or a written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14, including any requirement for the payment of any penalty owed to the United States, shall be subject to enforcement pursuant to Section 113(c) of the Act. [40 CFR 72.9 (g)(1)]
17. Any person who knowingly makes a false, material statement in any record, submission, or report under the Acid Rain Program shall be subject to criminal enforcement pursuant to Section 113(c) of the Act and 18 U.S.C. 1001. [40 CFR 72.9 (g)(2)]
18. No permit revision shall excuse any violation of the requirements of the Acid Rain Program that occurs prior to the date that the revision takes effect. [40 CFR 72.9 (g)(3)]
19. Each affected source and each affected unit shall meet the requirements of the Acid Rain Program. [40 CFR 72.9 (g)(4)]
20. Any provision of the Acid Rain Program that applies to an affected source (including a provision applicable to the designated representative of an affected source) shall also apply to the owners and operators of such source and of the affected units at the source. [40 CFR 72.9 (g)(5)]



FACILITY PERMIT TO OPERATE LA CITY, DWP SCATTERGOOD GENERATING STN

APPENDIX B: RULE EMISSION LIMITS [40CFR 72 - Acid Rain Provisions 11-24-1997]

21. Any provision of the Acid Rain Program that applies to an affected unit (including a provision applicable to the designated representative of an affected unit) shall also apply to the owners and operators of such unit. Except as provided under 40 CFR Part 72, Section 72.44 (Phase II repowering extension plans) and 40 CFR Part 76, Section 76.11 (NO_x averaging plans), and except with regard to the requirements applicable to units with a common stack under 40 CFR Part 75 (including 40 CFR Part 75, Sections 75.16, 75.17, and 75.18), the owners and operators and the designated representative of one affected unit shall not be liable for any violation by any other affected unit of which they are not owners or operators or the designated representative and that is located at a source of which they are not owners or operators or the designated representative. [40 CFR 72.9 (g)(6)]
22. Each violation of a provision of 40 CFR Parts 72, 73, 74, 75, 76, 77, and 78 by an affected source or affected unit, or by an owner or operator or designated representative of such source or unit, shall be a separate violation of the Act. [40 CFR 72.9 (g)(7)]

Effect on Other Authorities

23. No provision of the Acid Rain Program, an acid rain permit application, an acid rain permit, or a written exemption under 40 CFR Part 72, Sections 72.7, 72.8, or 72.14 shall be construed as: [40 CFR 72.9 (h)]

(A) Except as expressly provided in Title IV of the Act, exempting or excluding the owners and operators and, to the extent applicable, the designated representative of an affected source or affected unit from compliance with any other provision of the Act, including the provisions of Title I of the Act relating to applicable National Ambient Air Quality Standards or state implementation plans; [40 CFR 72.9 (h)(1)]

(B) Limiting the number of allowances a unit can hold; *provided*, that the number of allowances held by the unit shall not affect the source's obligation to comply with any other provisions of the Act; [40 CFR 72.9 (h)(2)]



**FACILITY PERMIT TO OPERATE
LA CITY. DWP SCATTERGOOD GENERATING STN**

**APPENDIX B: RULE EMISSION LIMITS
[40CFR 72 - Acid Rain Provisions 11-24-1997]**

(C) Requiring a change of any kind in any state law regulating electric utility rates and charges, affecting any state law regarding such state regulation, or limiting such state regulation, including any prudence review requirements under such state law; [40 CFR 72.9 (h)(3)]

(D) Modifying the Federal Power Act or affecting the authority of the Federal Energy Regulatory Commission under the Federal Power Act; or, [40 CFR 72.9 (h)(4)]

(E) Interfering with or impairing any program for competitive bidding for power supply in a state in which such program is established. [40 CFR 72.9 (h)(5)]