



October 6, 2010

BAY AREA
AIR QUALITY
MANAGEMENT
DISTRICT
SINCE 1955

Chevron Products Company
PO Box 1272
Richmond CA 94802

Attention: Jeff Hartwig

Application Number: 12842
Equipment Location: 841 Chevron Way
Richmond CA 94802

Dear Mr. Hartwig,

This letter is in response to your letter dated September 15, 2010 regarding a Request for Renewal of Chevron's Energy and Hydrogen Renewal Project's Authority to Construct application 12842 per District Regulation 2-1-407. Per Regulation 2-1-407 both the request for renewal and the fees are required prior to the expiration of the Authority to Construct. The fees were not included with the request and the fee estimate provided did not include fees for every source to be renewed. No fees were included for sources claiming substantial use, but a fee is still required per Regulation 3-330.

The district's original authority to construct 12842 contained 28 sources and the request appears to include only 27 sources. The source that was not included was the S-6021 H2 Plant Flare. Please confirm that either this source will not be installed as part of the Renewal Project or that it has already been installed.

In order to evaluate the request for renewal, please provide the following:

1. For all sources contained in Attachment 3 of your letter that are claiming substantial use, please provide information that demonstrates Substantial Use per Regulation 2-1-227.

2-1-227 Substantial Use: Substantial use of an Authority to Construct consists of one or more of the following: purchase or acquisition of the equipment that constitutes the source; ongoing construction activities other than grading or installation of utilities or foundations; a contract or commitment to complete construction of the source within two years.

2. The district will need to verify per 2-1-407 that the requested renewal complies with the current BACT and Offset requirements. Please submit any information you have regarding the current BACT for the sources of this request.
3. For combustion sources with selective catalytic reduction (SCR), the PM10 emissions limits will require some additional clarification to address ammonium sulfate emissions. Currently, 3.202 tpy of PM10 emissions offsets are still owed. However, if the PM10 limits for sources with SCR are not to include ammonium sulfate then additional offsets shall be required and additional limits would need to be added to the permit conditions to adequately address PM10 emissions limits. If the only change is to include ammonium sulfate within the PM10 emissions limits for sources with SCR, then only 3.202 tpy PM10 offsets are due.

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Please submit the fees and information required for the Renewal of the Authority to Construct for application 12842 within 30 days. An attachment is included with a breakdown of the fees due.

If you have any questions, please contact me at (415)-749-4715 or at gsolomon@baaqmd.gov.

Very truly yours,

Greg Solomon
Senior Air Quality Engineer

Cc: Barry Young, BAAQMD

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Chevron Energy & Hydrogen Renewal Project Authority to Construct Renewal Fee Estimate

Sept. 15, 2010

Source No.	Unit	ATC Status	Schedule	Initial Fee	ATC Renewal Fee
S-4449	H2 Plant #1	Substantial Use ?	G-1	2,120.00	1,060.00
S-4450	H2 Plant #2	Substantial Use ?	G-1	2,120.00	1,060.00
S-4451	H2 Recovery Unit	Substantial Use ?	G-1	2,120.00	1,060.00
S-4471	H2 Pit Reformer Furnace #1	Substantial Use ?	B	42,237.00	21,119.00
S-4472	H2 Pit Reformer Furnace #2	Substantial Use ?	B	42,237.00	21,119.00
S-4465	H2 Pit Cooling Tower	Substantial Use ?	F	344	172
S-4452	CCRR	No	G-1	2,120.00	1,060.00
S-4477	Reformer Furnace #1	No	B	8,936.46	4,468.00
S-4478	Reformer Furnace #2	No	B	17,872.94	8,937.00
S-4479	Reformer Furnace #3	No	B	8,936.46	4,468.00
S-4480	Reformer Furnace #1	No	B	8,936.46	4,468.00
S-4473	3 rd Cogen Gas Turbine	No	B	24,453.00	12,227.00
S-4474	3 rd Cogen HRSG	No	B	15,561	7,781.00
S-4454	#6 H2S Plant Recycle Amine Generator	No	G-1	2,120.00	1,060.00
S-4490	Sulfur Loading Rack	No	G-1	2,120.00	1,060.00
S-4456	Fresh Amine Storage Tank	No	C	121	61
S-3227	Lean Amine Storage Tank	No	C	225	113
S-3228	Caustic Storage Tank	No	C	346	173
S-3229	Spent Caustic Storage Tank	No	C	692	346
S-4436	F-2170 Stack Gas heater No. 1 SRU	No	B	1,418.27	709.00
S-4437	F-2270 Stack gas Heater No. 2 SRU	No	B	1,418.27	709.00
S-4438	F-2270 Stack gas Heater No. 3 SRU	No	B	2,494.21	1,247.00
S4253	TKC/FCC Feed Hydrotreater	Substantial Use ?	G-1	2,120.00	1,060.00
S-4435	No. 5 H2S Plant	No	G-1	2,120.00	1,060.00
S-4227	SRU #1 w/TGU A-0020 & A-120	No	B	49,702.00	24,851
S-4228	SRU #1 w/TGU A-0021 & A-121	No	B	49,702.00	24,851
S-4229	SRU #1 w/TGU A-0022 & A-122	No	B	49,702.00	24,851
S-6021	H2 Flare	?	G-5	39,136	19,568
				Total:	\$190,718