



**FACILITY PERMIT TO OPERATE
PARAMOUNT PETR CORP (EIS USE)**

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.	Conn To	RECLAIM Source Type/ Monitoring Unit	Emissions * And Requirements	Conditions
Process 9 : OIL AND WATER SEPARATION SYSTEM					P13.1
System 1 : WASTEWATER SEPARATION FAC (CRUDE UNIT AREA)					
<p>OIL WATER SEPARATOR, API TYPE, CONSISTING OF THREE COMPARTMENTS AND OIL BAYS</p> <p>FOREBAY, FIXED ROOF, PASSIVELY VENTING TO CARBON WIDTH:14 FT 6 IN; DEPTH: 11 FT; LENGTH: 10 FT 3 IN</p> <p>MAINBAY, FLOATING ROOF, WIDTH:14 FT 6 IN; DEPTH: 11 FT; LENGTH: 16 FT 11 IN</p> <p>AFTERBAY, FIXED ROOF, PASSIVELY VENTING TO CARBON WIDTH:14 FT 6 IN; DEPTH: 11 FT; LENGTH: 15 FT 4 IN</p> <p>OILBAY, WEST, FIXED COVER, WIDTH: 4 FT 8 IN; DEPTH: 11 FT 6 IN; LENGTH: 6 FT 4 IN</p> <p>OILBAY, EAST, FIXED COVER, WIDTH: 4 FT 8 IN; DEPTH: 11 FT 6 IN; LENGTH: 6 FT 4 IN</p> <p>A/N: 525797 Permit to Construct Issued:</p>	D254	Dx1		VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	A99.x K171.x
<p>KNOCKOUT POT, D-942, HEIGHT: 8 FT S/S; DIAMETER: 30 IN A/N: 525797 Permit to Construct Issued:</p>	Dx1	Cx1A Cx1B Cx1C D254			
<p>CARBON ADSORBER, TWO (2) IN SERIES, 200 LBS EACH A/N: 525797 Permit to Construct Issued:</p>	Cx1A	Dx1			D90.x1 E128.1 E153.x K67.x



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CARBON ADSORBER, TWO (2) IN SERIES, 200 LBS EACH A/N: 525797 Permit to Construct Issued:	Cx1B	Dx1			D90.x1 E128.1 E153.x K67.x
CARBON ADSORBER, TWO (2) IN SERIES, 200 LBS EACH A/N: 525797 Permit to Construct Issued:	Cx1C	Dx1			D90.x1 E128.1 E153.x K67.x
SUMP, WASTEWATER, CONTROL LAB, WITH A FIXED COVER, WIDTH: 7 FT; DEPTH: 5 FT; LENGTH: 13 FT A/N: 525797 Permit to Construct Issued:	Dx2	Cx2		VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	
CARBON ADSORBER, TWO (2) IN SERIES, 200 LBS EACH A/N: 525797 Permit to Construct Issued:	Cx2	Dx2			D90.x2 E128.1 E153.x K67.x
SUMP, DEPENTANIZER WASTEWATER, WITH A FIXED COVER, WIDTH: 4 FT ; DEPTH: 6 FT; LENGTH: 4 FT A/N: 525797 Permit to Construct Issued:	Dx3	Cx3		VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	
CARBON ADSORBER, TWO (2) IN SERIES, 200 LBS EACH A/N: 525797 Permit to Construct Issued:	Cx3	Dx3 Dx4			D90.x2 E128.1 E153.x K67.x
SUMP, DEPENTANIZER STORMWATER & WASTEWATER, WITH A FIXED COVER, SIDE STORMWATER ENTRANCES (2) WITH WATER SEALS; WIDTH: 8 FT 8 IN; DEPTH: 8 FT; LENGTH: 8 FT A/N: 525797 Permit to Construct Issued:	Dx4	Cx3		VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	
SUMP, COLLECTIVE WASTEWATER, WITH A FIXED COVER, WIDTH: 7 FT 6 IN; DEPTH: 6 FT; LENGTH: 8 FT 6 IN A/N: 525797 Permit to Construct Issued:	Dx5	Cx4		VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	



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SUMP, KEYRACK, SPILL CONTAINMENT, WITH A FIXED COVER, WIDTH: 10 FT 6 IN; DEPTH: 8 FT; LENGTH: 23 FT 2 IN A/N: 525797 Permit to Construct Issued:	Dx6	Cx5		VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	
CARBON ADSORBER, TWO (2) IN SERIES, 200 LBS EACH A/N: 525797 Permit to Construct Issued:	Cx5	Dx6			D90.x2 E128.1 E153.x K67.x
DRAIN SYSTEM COMPONENT A/N 525797 Permit to Construct Issued:	D717			VOC: 500 PPMV (5)[RULE 1176, 9-13-1996]	
FUGITIVE EMISSIONS, MISCELLANEOUS A/N 525797 Permit to Construct Issued:	D707				H23.2

CONDITIONS

PROCESS CONDITIONS

P13.1 All devices under this process are subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1176
VOC	District Rule	464

[RULE 1176, 9-13-1996; RULE 464, 12-7-1990]

[Processes subject to this condition: 9]



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

DEVICE CONDITIONS

A99.x The 500 PPM VOC emission limit(s) shall only apply when the nitrogen purge is set at 0 scfm. Otherwise, the VOC limits shall be 217 ppm as methane when the nitrogen purge is set at 0.3 scfm or below; 93 ppm when the Nitrogen purge is set above 0.3 scfm but not greater than 1.0 scfm; 36 ppm when the Nitrogen purge is set above 1.0 scfm but not greater than 3.0 scfm; and 22 ppm when the Nitrogen purge is set above 3.0 scfm.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: D254]

D90.x1 The operator shall periodically monitor the VOC concentration at the outlet of the first and second carbon canisters according to the following specifications:

The operator shall monitor once every week.

The operator shall use EPA Reference Method 21 to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.

Alternatively, the operator may use the District Grab Sample Method, as specified in Rule 1176, to measure VOC concentration.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: Cx1A, Cx1B, Cx1C]

D90.x2 The operator shall periodically monitor the VOC concentration at the outlet of the first and second carbon canisters according to the following specifications:

The operator shall monitor once every month.

The operator shall use EPA Reference Method 21 to monitor the parameter.

The operator shall calibrate the instrument used to monitor the parameter in ppmv methane.



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

Alternatively, the operator may use the District Grab Sample Method, as specified in Rule 1176, to measure VOC concentration.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: Cx2, Cx3, Cx4, Cx5]

E128.1 The operator shall keep all spent carbon in a tightly covered container which shall remain closed except when it is being transferred into or out of the container.

[RULE 1401, 9-10-2010]

[Devices subject to this condition: Cx1A, Cx1B, Cx1C, Cx2, Cx3, Cx4, Cx5]

E153.x The operator shall change over the spent carbon with fresh activated carbon, within 24 hours of detection, in the adsorber whenever breakthrough occurs.

The operator shall replace the carbon as follows: The primary carbon canister shall be replaced with either a fresh carbon canister or the secondary carbon canister, and the secondary carbon canister shall be replaced with a fresh carbon.

For the purpose of this condition, breakthrough occurs when the VOC concentration at the outlet of the first carbon canister exceeds 500 ppm as methane.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: Cx1A, Cx1B, Cx1C, Cx2, Cx3, Cx4, Cx5]

H23.2 This equipment is subject to the applicable requirements of the following rules or regulations:

Contaminant	Rule	Rule/Subpart
VOC	District Rule	1173

[RULE 1173, 5-13-1994; RULE 1173, 2-6-2009]

[Devices subject to this condition: D707]



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

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

Monitor and replacement of carbon canister

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]

[Devices subject to this condition: Cx1A, Cx1B, Cx1C, Cx2, Cx3, Cx4, Cx5]

K171.x The operator shall provide to the District the following items:

Within 60 days after the construction is completed, an updated construction drawing of the Crude Unit API Separator and the associated carbon adsorbers.

[RULE 1176, 9-13-1996; RULE 3004(a)(4)-Periodic Monitoring, 12-12-1997]