

VanHorn, Kristen, NMENV

From: Larsen, Thurman [Thurman.Larsen@wnr.com]
Sent: Tuesday, August 09, 2011 5:12 PM
To: VanHorn, Kristen, NMENV; Chavez, Carl J, EMNRD; Cobrain, Dave, NMENV
Cc: Riege, Ed; Dorsey, Alvin; Johnson, Cheryl; Tso, Janice; Morgan, Loretta
Subject: MONTHLY BENZENE REPORT for JULY 2011
Attachments: Benzene Results for EPA. Original.xls

Dear Kristen:

The following is the monthly benzene report for July 2011

The monthly flow data for July 2011 through the (N-S) Benzene Strippers to aL-1 is summarized as follows:

	N-Stripper	S-Stripper	Total Flow (gpm)
Average (gpm)	78.37	128.13	206.51
Maximum (gpm)	232.21	313.13	545.34
Minimum (gpm)	2.74	2.83	5.57

The monthly flow data for July 2011 from AL-2 to EP-1 is summarized as follows:

	Weir Height (in)	Flow Rate (gpm)	Flow Volume (gpd)
Average	8.6	293.1	422112.1
Maximum	9.5	372.8	536879.1
Minimum	6.0	115.8	166717.2

Benzene Stripper #3 is located in the process area. The monthly flow volume is determined as follows:
The desalter effluent is routed through the benzene stripper #3/ The desalter effluent for July 2011 is 2.34% average of the crude charge rate. Therefore the monthly flow for July has an average flow of 9.0 gpm, a maximum of 13.3 gpm, and a minimum of 7.02 gpm.

The attachment above is the monthly benzene results from Hall Environmental Laboratories from July 1 to July 31, 2011. Notice that no samples were collected on July 7 since the API effluent will continue to T-35 but no flow will be routed to the API and the benzene strippers. The agency was notified via e-mail correspondence of this on July 7, 2011. Both strippers were shut down during this period for maintenance activities.

Regards,
Beck Larsen
Western Refining- Gallup Refinery

BENZENE STRIPPER - API 1 & 2 OUTLET

Date Sample Taken	Western - Lab Benzene Results (ppm)		Hall Sample ID	Hall Environmental Lab Data Benzene Results (ppm)			Results in Compliance < 0.5 ppm Yes; FAILED >0.5
	AM	PM		Sample rec'd Temp <6° C Acceptable range	Results (ppb)	> 0.5 ppm	
Friday, July 01, 2011	0.00	0.00	1107071	1.40	55.00	0.06	Yes
Saturday, July 02, 2011	0.00	0.00	1107071	1.40	ND	0.00	Yes
Sunday, July 03, 2011	0.00	0.00	1107071	1.40	ND	0.00	Yes
Monday, July 04, 2011	0.00	0.00	1107071	1.40	ND	0.00	Yes
Tuesday, July 05, 2011	0.00	0.00	1107071	1.40	ND	0.00	Yes
Wednesday, July 06, 2011	0.00	0.00	1107251	1.40	ND	0.00	Yes
Thursday, July 07, 2011	0.03	0.03	N/A	N/A	ected; Water	ected; Water	ected; Water
Friday, July 08, 2011	0.02	0.32	1107282	1.40	110.00	0.11	Yes
Saturday, July 09, 2011	0.00	0.00	1107282	1.40	ND	0.00	Yes
Sunday, July 10, 2011	0.00	0.00	1107282	1.40	ND	0.00	Yes
Monday, July 11, 2011	0.00	0.00	1107282	1.40	56.00	0.06	Yes
Tuesday, July 12, 2011	0.00	0.00	1107563	1.60	ND	0.00	Yes
Wednesday, July 13, 2011	0.00	8.67	1107563	1.60	ND	0.00	Yes
Thursday, July 14, 2011	0.00	0.00	1107563	1.60	ND	0.00	Yes
Friday, July 15, 2011	0.00	0.00	1107608	2.80	ND	0.00	Yes
Saturday, July 16, 2011	0.00	0.00	1107608	2.80	ND	0.00	Yes
Sunday, July 17, 2011	0.00	0.00	1107608	2.80	ND	0.00	Yes
Monday, July 18, 2011	0.00	0.00	1107608	2.80	ND	0.00	Yes
Tuesday, July 19, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Wednesday, July 20, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Thursday, July 21, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Friday, July 22, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Saturday, July 23, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Sunday, July 24, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Monday, July 25, 2011	0.00	0.00	1107943	5.40	ND	0.00	Yes
Tuesday, July 26, 2011	0.00	0.00	1107A66	2.70	ND	0.00	Yes
Wednesday, July 27, 2011	0.00	0.00	1107A66	2.70	ND	0.00	Yes
Thursday, July 28, 2011	0.00	0.00	1108025	3.40	ND	0.00	Yes
Friday, July 29, 2011	0.00	0.05	1108025	3.40	ND	0.00	Yes
Saturday, July 30, 2011	0.00	0.00	1108025	3.40	ND	0.00	Yes
Sunday, July 31, 2011	0.00	0.00	1108025	3.40	ND	0.00	Yes