

Gully

Dec 2010

VanHorn, Kristen, NMENV

monthly benzene report

From: Larsen, Thurman [Thurman.Larsen@wnr.com]
Sent: Friday, December 03, 2010 3:25 PM
To: Van Horn, Kristen, NMENV
Cc: Monzeglio, Hope, NMENV; Riege, Ed; Dorsey, Alvin; beckl@q.com
Subject: NOVEMBER 2010 BENZENE REPORT



Dear Kristen and Hope;
 The monthly flow data for November 2010 from the North-South (N-S) Benzene Strippers to AL-1 is summarized as follows:

	North Stripper (gpm)	South Stripper (gpm)	Total Flow (gpm)
Average	70.9	90.3	161.2
Maximum	181.8	268.3	450.1
Minimum	15.3	15.2	30.5

The monthly flow data (November 2010) from AL-2 to EP-1 is summarized as follows:

	Weir Height (in)	Flow Rate (gpm)	Monthly Flow (GPD)
Average	7.76	224.8	323684
Maximum	8.25	262.4	377876
Minimum	7.25	188.3	271119

Benzene Stripper #3 is located in the process area. The monthly flow volume is determined as follows: The desalter effluent is routed through the stripper. The desalter effluent for November 2010 is approximately 3.9% average of the crude charge. Therefore, the monthly flow for November has an average flow of 14.9 gpm, maximum flow (15.3 gpm), and a minimum flow (13.9 gpm).

The following table is based on Hall Data collected on from daily sampling:

HALL DATA- NOVEMBER 2010

Benzene Stripper in Process - Outlet: API-1-2

Pdf #	Date Sampled	Non Detect	Hall Results	BZ Hall/1000
		<0.01	Units	Units
1011028	1-Nov-10	ND	0 ppb	0 ppm
1011215	2-Nov-10	ND	0 ppb	0 ppm
1011215	3-Nov-10	ND	0 ppb	0 ppm
1011274	4-Nov-10	ND	13 ppb	0.013 ppm
1011323	5-Nov-10	ND	0 ppb	0 ppm
1011323	6-Nov-10	ND	0 ppb	0 ppm
1011323	7-Nov-10		14 ppb	0.014 ppm
1011323	8-Nov-10	ND	0 ppb	0 ppm

1011451	9-Nov-10		92	<i>ppb</i>	0.092	<i>ppm</i>
1011451	10-Nov-10		30	<i>ppb</i>	0.03	<i>ppm</i>
1011515	11-Nov-10		170	<i>ppb</i>	0.17	<i>ppm</i>
1011598	12-Nov-10		150	<i>ppb</i>	0.15	<i>ppm</i>
1011598	13-Nov-10		780	<i>ppb</i>	0.78	<i>ppm</i>
1011598	14-Nov-10	ND	0	<i>ppb</i>	0	<i>ppm</i>
1011598	15-Nov-10	ND	0	<i>ppb</i>	0	<i>ppm</i>
1011697	16-Nov-10	ND	0	<i>ppb</i>	0	<i>ppm</i>
1011806	17-Nov-10		14	<i>ppb</i>	0.014	<i>ppm</i>
1011806	18-Nov-10		32	<i>ppb</i>	0.032	<i>ppm</i>
1011879	19-Nov-10		73	<i>ppb</i>	0.073	<i>ppm</i>
1011879	20-Nov-10		31	<i>ppb</i>	0.031	<i>ppm</i>
1011879	21-Nov-10		30	<i>ppb</i>	0.03	<i>ppm</i>
1011879	22-Nov-10		38	<i>ppb</i>	0.038	<i>ppm</i>
1011973	23-Nov-10		37	<i>ppb</i>	0.037	<i>ppm</i>
1011973	24-Nov-10		150	<i>ppb</i>	0.15	<i>ppm</i>
1011997	25-Nov-10		100	<i>ppb</i>	0.1	<i>ppm</i>
1011997	26-Nov-10		55	<i>ppb</i>	0.055	<i>ppm</i>
1011997	27-Nov-10		270	<i>ppb</i>	0.27	<i>ppm</i>
1011997	28-Nov-10		510	<i>ppb</i>	0.51	<i>ppm</i>
1011997	29-Nov-10		85	<i>ppb</i>	0.085	<i>ppm</i>
Preliminary	30-Nov-10		53	<i>ppb</i>	0.053	<i>ppm</i>

Western Refining (Gallup) is conducting daily sampling for benzene. Two excursions were noted for November 2010; one on November 13 (0.78 ppm), the other was on November 28, 2010 (0.51 ppm).

The November 28 excursion was due to repair maintenance was being conducted on the fourth stripper because of a frozen level control valve. The Preliminary Report from Hall Laboratory indicates a verbal submittal or response from the laboratory and not as a Hard Copy or e-mail. Please feel free to contact me if you have any questions concerning this report.

Regards,
Beck Larsen