



Western Refining - Galley
 Monthly Benzene report
 November 2012

VanHorn, Kristen, NMENV

From: Larsen, Thurman <Thurman.Larsen@wnr.com>
Sent: Tuesday, December 04, 2012 8:14 AM
To: VanHorn, Kristen, NMENV; Chavez, Carl J, EMNRD; Cobrain, Dave, NMENV
Cc: Riege, Ed; Johnson, Cheryl; Dorsey, Alvin; Tso, Janice; Morgan, Loretta
Subject: NOVEMBER 2012 MONTHLY PROGRESS REPORT
Attachments: 1211054.pdf; 1211129.pdf; 1211681.pdf; 1211501.pdf; 1211390.pdf; NOV 2012 TABLES.pdf

Dear Kristen,

The following is the monthly Progress Report for November 2012. Attached are all laboratory results from Hall laboratories for November 2012 sampling events to date through the MPPE for your review.

The monthly flow data for November 2012 through the (N-S) Benzene Strippers to AL-1 is estimated in summary as follows: Note: The benzene strippers were slipstreamed during the month for a total of 40 ½ hour during the month of November. (November 6th -9th) Samples for November 6th through 9th were collected for the MPPE but not for the strippers. However, our internal laboratory samples were analyzed as indicated on the spreadsheet.

	N-Stripper (gpm)	S-Stripper (gpm)	Total Flow (gpm)
Average (gpm)	11.1	22.7	33.7
Maximum (gpm)	17.5	35.9	53.4
Minimum (gpm)	5.8	11.8	17.6

The monthly flow data for November 2012 from AL-2 to EP-1 is summarized as follows:

	Weir Height (in)	Flow Rate (gpm)	Flow Volume (gpd)
Average	5.5	120.9	174163
Maximum	9.3	357.0	514088
Minimum	2.0	6.9	9909

The monthly flow data for November 2012 of the API Influent, API Effluent, MPPE Effluent to STP-1 is summarized as follows:

	API Influent (gpm)	API Effluent (gpm)	MPPE Effluent (gpm) to STP-1
Average (gpm)	196.24	192.66	245.15
Maximum (gpm)	248.29	243.06	331.49
Minimum (gpm)	126.29	135.67	135.88

Benzene Strippers: The MPPE Unit was in full operation during the month of November (720 hrs). The benzene strippers were slipstreamed an estimated 5 percent of the time for a total of 40 ½ hour during the month of November. (November 6th -9th). The benzene strippers have not been used since the November 10, 2012 deadline.

MPPE UNIT:

The initial startup of the MPPE Unit occurred on May 8, 2012 at 1500 hrs. Sampling is conducted on a daily basis in accordance with NMED letter of May 24, 2012 (Comment 17). The Agency prescribes the methodology and sampling requirements necessary to fulfill this obligation.

The MPPE Unit was in full operation during the month of November 2012 for a total of 720 hours.

SAMPLING:

MPPE samples were collected during the month of November 2012. During the month the MPPE Unit ran 100% of the time with only 5 percent of the time where it was put in diversionary slipstream operation. (November 6th – 9th). During

this time period, stripper samples were not collected or omitted in order to send to Hall Laboratories for outside analysis; however, our internal lab performed benzene analysis using the same methodology. Analytical data is still pending for samples collected from November 16th through November 30th.

As of this report, analysis from Hall Environmental Laboratories is pending for November 15th through 30th

If you should have any questions or concerns, please contact me via my office phone (505) 722-0258 or via my cell at (505) 862-1749.

Sincerely,
Beck Larsen
Environmental Engineer
Western Refining (Gallup Refinery)