

**Monzeglio, Hope, NMENV**

**From:** Monzeglio, Hope, NMENV  
**Sent:** Monday, November 06, 2006 1:19 PM  
**To:** 'Steve Morris'; 'Ed Riege'; 'Jim Lieb'  
**Cc:** Cobrain, Dave, NMENV  
**Subject:** Sampling schedule API Separator Spill

Steve

I spoke with Ed about the sampling requirements in accordance with NMED's table titled "Giant Ciniza Refinery Sampling Schedule Resulting From the API Separator Spill, (Table date: Revision 2-May 12, 2006)." Ed said you did the comprehensive sampling in accordance with the table last week (Week of October 30, 2006).

Use the sample collection last week 10/30/06 as the first quarter sampling event. Giant must collect the next quarterly samples in January 2007, April 2007, July 2007, and October 2007. Submit the quarterly sampling information and the monthly flow rate measurements to the New API Separator no later than 30 days after receipt of the final laboratory report (for that quarter). See the table for all requirements.

If you have any questions please contact me.

Hope

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**Monzeglio, Hope, NMENV**

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**From:** Steve Morris [smorris@giant.com]  
**Sent:** Tuesday, October 31, 2006 12:22 PM  
**To:** Monzeglio, Hope, NMENV  
**Subject:** Water Sample PDFs  
**Attachments:** HALL8994\_NMEDAPRIL06.pdf

Hope,  
Here is one more PDF from Hall that I don't remember sending.  
I will be transporting Annual Groundwater, Quarterly NMED, Quarterly NE OCD Landfarm subsurface, and pond samples to Hall Lab tomorrow.  
We are working with Refchem and Ed Cote on getting the flow devices installed, including the flow into the OAPIS, at this time.  
To the best of my knowledge, other than the night of the Alky fire, there has been no flow from the OAPIS directly to Aeration Lagoon #1.

This paragraph is from an email sent to Jim Lieb as a snapshot of OAPIS flow when it was entering lagoon #1 in February of this year.

*A graduated bucket and stop-watch measurement of the water entering lagoon #1 from the OAPIS turned out to be 4.12 gpm by my calculations, from 1.6 gallons at 23.3 seconds. Measured at 1500 hrs. 2/10/06.*

Since that time, discussions with operators has given me some approximate known flow rates.  
These amount to an average known flow of 2.5 to 3.0 gallons per minute.

On June 19<sup>th</sup>, 2006 I did another snapshot of flow using a stopwatch and a 55 gallon bucket to try and figure out the flow from the OAPIS to the NAPIS.

*At approximately break even rate, the Sandpiper pump at the OAPIS has a flow of 9.2 GPM.*

I'm sorry I don't have any better flow numbers at this time.  
We will have actual flow rates available as soon as the flow devices are installed.

I will also continue trying to find missing analytical results.

Please give me a call if you want to discuss any of this.

Thanks, Steve

P.S. I will be off this Wednesday, Thursday, and Friday.  
I will have my cell phone with me though, 505-862-1749.

**Monzeglio, Hope, NMENV**

**From:** Monzeglio, Hope, NMENV  
**Sent:** Thursday, October 26, 2006 3:39 PM  
**To:** 'Steve Morris'  
**Cc:** Cobrain, Dave, NMENV; 'Ed Riege'  
**Subject:** RE: Ciniza Lab Analysis Update  
**Attachments:** API Spill Sampling table Sched R2 5\_06.doc

Steve

See the attachment that contain the "Sampling Schedule Resulting from the API Separator Spill" that outlines NMED's sampling requirements. The letter containing the attachment is dated May 5, 2006 titled "Revised Sampling Schedule Resulting form the August 2005 API Separator Release.

From January to May 2006, NMED was requiring Giant to sample on a monthly basis effluent from AL-2 to EP-1, effluent from the Pilot Gas Station to the Aeration Lagoon, and effluent from the from the New API Separator. In May 2006, NMED revised the sampling schedule from monthly to quarterly, see the attached schedule. The quarterly sampling was to begin in June. Starting in June, 2006 Giant was required to sample effluent on a quarterly basis from the effluent points stated above for the analysis provided in the attached schedule. Giant was also supposed to collect monthly flow rate measurements from the Old API to the New API.

I am looking for the quarterly sampling results from these locations for June and September and the monthly flow rate measurements from the Old API to the New API from June to present. See the note at the bottom of the table, "Quarterly sampling must begin in June. All data must be submitted to NMED on a quarterly basis no later than 30 days after receipt of the final laboratory report."

Please provide me with the requested information. Let me know if you have any questions. I will be out of the office tomorrow 10/27/06.

Thanks

Hope

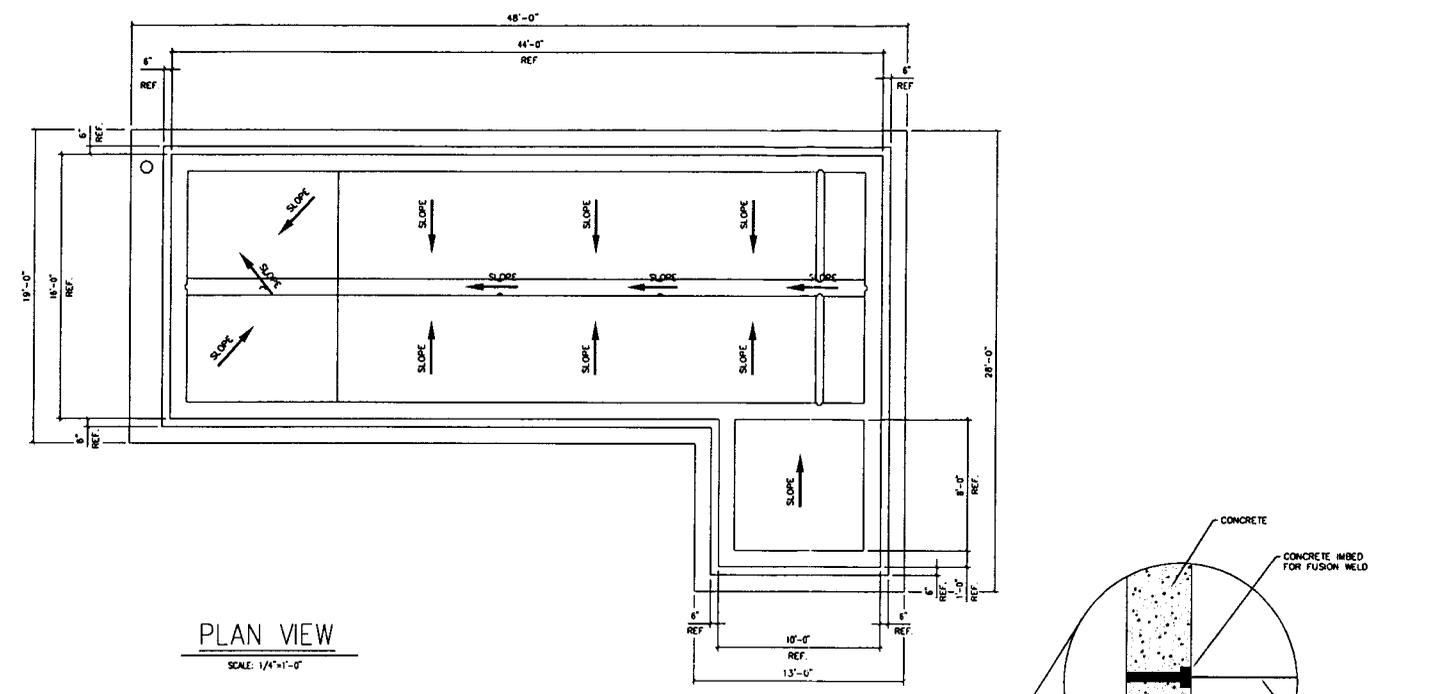
**From:** Steve Morris [mailto:smorris@giant.com]  
**Sent:** Wednesday, October 25, 2006 7:48 AM  
**To:** Monzeglio, Hope, NMENV  
**Subject:** Ciniza Lab Analysis Update

Hope,

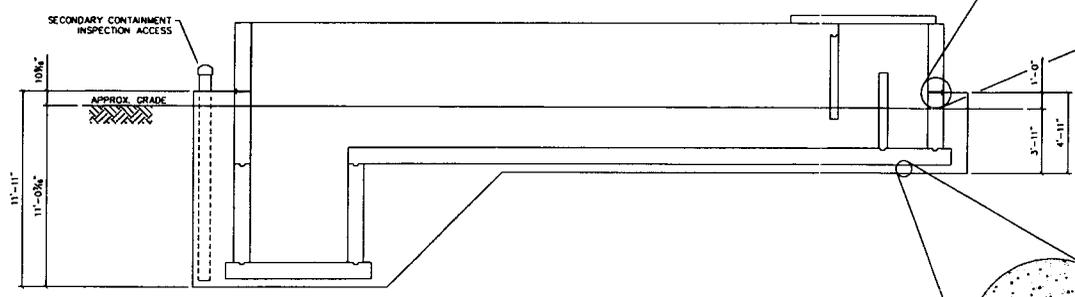
Here is the bulk of what I have.  
I'll give you a call and we can discuss what else you need.  
Thanks,

Steve

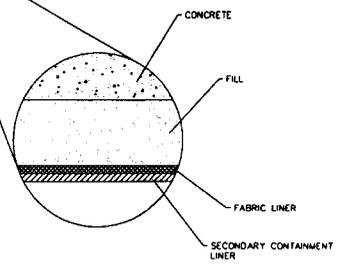
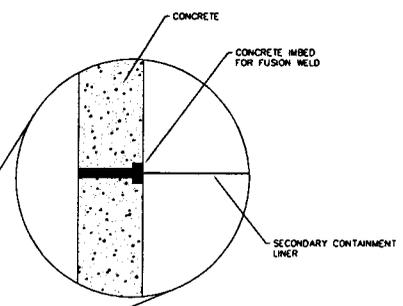
Ciniza  
 received via email 11/6/06



PLAN VIEW  
 SCALE: 1/4"=1'-0"



ELEVATION  
 SCALE: 1/4"=1'-0"



MARK	DATE	ISSUED FOR CONSTRUCTION DESCRIPTION	BY	APRVD
0			lbs	
		CINIZA REFINERY <b>GIANT</b> GALLUP NEW MEXICO REFINING, CO. A DIVISION OF GIANT INDUSTRIES		
<b>SECONDARY CONTAINMENT          API SEPARATOR BASINS</b>				
SCALE: 1/4" = 1'-0"		APRVD.		
DATE: 11/15/03		APRV. DATE:		
DRW: lbs				REV.
CHK'D:		DWC NUM. 284-03-117A		0