

Ciniza 06

**Monzeglio, Hope, NMENV**

**From:** Price, Wayne, EMNRD  
**Sent:** Tuesday, April 04, 2006 12:51 PM  
**To:** Cobrain, Dave, NMENV; Chavez, Carl J, EMNRD  
**Cc:** Monzeglio, Hope, NMENV  
**Subject:** RE: Ciniza Refinery Flow Meter Locations

Agree!!

**From:** Cobrain, Dave, NMENV  
**Sent:** Tuesday, April 04, 2006 12:34 PM  
**To:** Price, Wayne, EMNRD; Chavez, Carl J, EMNRD  
**Cc:** Monzeglio, Hope, NMENV  
**Subject:** RE: Ciniza Refinery Flow Meter Locations

Wayne,

HWB requests that the discharge rate from AL2 to EP1 be measured. Maybe instead of the EP1 to EP2 location. It should be the same rate but our water quality measurements for the treatment ponds effluent are at the AL2-EP1 discharge point and measuring the flow rate there would help with consistency. Thanks.

Dave

**From:** Price, Wayne, EMNRD  
**Sent:** Tuesday, April 04, 2006 11:59 AM  
**To:** Chavez, Carl J, EMNRD  
**Cc:** Cobrain, Dave, NMENV; Monzeglio, Hope, NMENV  
**Subject:** RE: Ciniza Refinery Flow Meter Locations

Attention: Dave Cobrain:

Dear Dave, this is where OCD is going to require flow meters at a minimum.

1. PSE (pilot station effluent) to AL1
2. NAPIS (new API separator) - Benzene Stripper to AL1
3. OAPIS (old API separator) to AL1
4. Boiler water to Evap Pond #2
5. Flow between Evap Pond #1 to Evap Pond #2.

**From:** Chavez, Carl J, EMNRD  
**Sent:** Tuesday, April 04, 2006 11:14 AM  
**To:** Price, Wayne, EMNRD  
**Cc:** Cobrain, Dave, NMENV; Monzeglio, Hope, NMENV  
**Subject:** Ciniza Refinery Flow Meter Locations

Wayne:

Regarding your request for flow meter locations at the Ciniza Refinery, and from my notes and maps provided at our recent meeting, there appears to be options for flow meter locations required to help in the evaluation of overall loading to the treatment system and for general flow rate monitoring between ponds, etc. Flow rate locations options are provided below.

Options for flow meter monitoring locations in the evaluation of overall loading and evaluation of treatment system capacity are:

4/10/2006

PSE (pilot station effluent) to AL1  
NAPIS (new API separator) - Benzene Stripper  
Benzene Stripper to AL1  
OAPIS (old API separator) to AL1  
OAPIS to NAPIS  
AL1 to AL2  
AL1 to EP1 (recall from the meeting that there is a bypass of AL2 into EP1)  
AL2 to EP1 (AL 1 typically flows into AL2)  
EP1 to EP2

Options for general flow meter monitoring of ponds are:

PSE (pilot station effluent) to Pond 9?  
Boiler water into EP2  
EP2-EP3  
EP2-EP6B  
EP2-EP7  
EP2-EP12B  
EP3-EP4  
EP4-EP5  
EP5-EP6A  
EP6A-EP9C  
EP7-EP8  
EP12B-EP12A  
EP12A-EP11  
EP11-EP TEMP1  
EP11-EP7  
EP7-EP8  
EP12A-EP TEMP2

There may be other locations that I have unintentionally omitted from the above listing. The flow monitoring locations above should help OCD/HWB to finalize our final flow meter monitoring location and frequency requests. Thanks.

Carl J. Chavez, CHMM  
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(Pollution Prevention Guidance is under "Publications")