

Monzeglio, Hope, NMENV

From: Monzeglio, Hope, NMENV
To: eriege@giant.com; James Romero [jromero@giant.com]
Cc: Cobrain, Dave, NMENV; Price, Wayne, EMNRD
Subject: Spill sampling
Attachments:

Sent: Mon 8/22/2005 2:10 PM

see 9/1/05
Response

James

I am following up with an email from our phone conversation pertaining to the spill.

1. All sampling results, hazardous waste determinations, and waste disposal activities must be documented and submitted to NMED.
2. Giant must collect samples of effluent discharged from Aeration Lagoon 2 to Evaporation Pond 1 on a weekly basis until four weeks after the API Separator repair and monthly thereafter. Giant must submit the samples for analytical analysis to include: EPA Method 8270, EPA Method 8021 (BTEX), and priority pollutant metals (totals and dissolved). After receiving the analytical results from the first two sampling events, the required analytical analyses will be revisited and possibly modified. Giant must also provide NMED with the flow rate from Aeration Lagoon 2 to Evaporation Pond 1.
3. Giant must calculate the volume of oil spilled and water released during the spill events.

If you have any questions please give me a call.

Hope

Hope Monzeglio
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New Mexico Environment Department
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Sampling Info
AL2-EPI

Attachments can contain viruses that may harm your computer. Attachments may not display correctly.

Monzeglio, Hope, NMENV

From: James Romero [jromero@giant.com] **Sent:** Thu 9/1/2005 10:45 AM
To: Monzeglio, Hope, NMENV; Ed Riege; James Romero
Cc: Cobrain, Dave, NMENV; Price, Wayne, EMNRD; Steve Morris
Subject: RE: Spill sampling (Week One Summary)
Attachments: aea2intopond1.pdf(771KB)

Hope

This is an update per your August 22, 2005 request. On August 23, 2005 we took our first grab sample from aeration lagoon 2 into evaporation pond 1. The sample was rushed to the lab and expedited results were ordered. Tests ordered were RCRA Metals (total and dissolved), 8270, and 8021. Results were received September 1, 2005 (see attached lab results) and show numbers below the regulatory threshold for all parameters. A second grab sample was taken on August 30, 2005 with expedited lab results requested.

The rate of flow from the aeration lagoon into evaporation pond 1 was calculated as follows:

42gpm from boiler into evaporation pond 2
 156gpm total flow
 114gpm from lagoon 2 into evaporation pond 1

Calculating the volume of oil spilled vs. water released by taken from recovered amounts to date. We do not have an accurate method for calculating the amount of oil vs. water in the pond.

Numbers are as of 8/31/05

150 trucks @ 80 barrels/each = 12,000 gallons (water and oil)
 117 trucks @ 80 barrels/each = 9360 gallons (water removed)
 33 trucks @ 80 barrels/each = 2,640 gallons (slop oil)
 2,640/42.5 = 62 barrels

Water recovered is being reintroduced into the API process and the oil slop is being trucked and re-fed into the system. If you have any questions regarding this email or the lab results, please don't hesitate to call me

-----Original Message-----

From: Monzeglio, Hope, NMENV [mailto:hope.monzeglio@state.nm.us]
Sent: Monday, August 22, 2005 1:11 PM
To: eriege@giant.com; jromero@giant.com
Cc: Cobrain, Dave, NMENV; Price, Wayne, EMNRD
Subject: Spill sampling

James

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Hope Monzeglio

Note: Facility analyzed for RCRA metals not priority pollutant metals.