

Western Refining Southwest- Gallup Refinery Inspection Thursday, November 10, 2005
Storm water inspection conducted by NMED on same day with OCD participating
Weather: Sunny ~ 68F
Inspectors: Richard Powell- NMED-SWQB, Wayne Price & Carl Chavez-OCD



Railroad lagoon rack remediation area- NMED awaiting final remediation report



Tanks need berming at the NE area of the facility



Railroad lagoon rack spill area close-up post remediation



Railroad running N-S across the eastern boundary of the facility



Looking N at W end of facility people standing upgradient from evaporation pond network left or westward in the photo



Close up of tanks without berms on the NE side of the facility looking N-NW

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Pipe rack trending N-S on east side of facility



Close-up of old design tank on ground w/o secondary containment



LACT area



Where's the berm?



Looking S at tank batteries with constructed berms



Looking S along pipe-rack on NW area of facility near Railroad Lagoon Rack

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Looking W north of at bermed tank at far NE part of facility



Looking NW at Storm water drainage SW of facility draining NW toward evaporation pond network



No berms to capture spills running off toward the north & need storm water controls



Chopper pump problem at API separator



Looking W gas bullet tanks in background, which do not require berms- gas at STP



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Oil floating on top of Evaporation Pond 1 violation of permit- removes oil on shoreline sediments and vacuum off oil



Old API separator near flare stack w/ roof needs fluid removal, used in conjunction with recently install New API separator



Old API Separator close-up w/ roof construction to prevent flare stack ignition.

Notes:

- 1) Oil in evaporation pond 1 (EP1) down gradient from the benzene strippers, API separator and aeration lagoons (ALs 1 & 2) is a violation of the OCD discharge permit. Cleanup is needed in EPs 1 & 2.
- 2) EPs shoreline hydrocarbon stained sediment need to be cleaned up.
- 3) The water in the RR Lagoon excavation shall be evacuated within 48 hours
- 4) Old API Separator (OAPIS) needs decommissioning and removal as it is too close to the flare stack (fire hazard) & has been replaced by the new API Separator (NAPIS).
- 5) Evacuate fluids from OAPIS & prevent spill over-bay.
- 6) Two soil piles generated from plant wastewater spills in August 2005 will be disposed of as hazardous waste F037.
- 7) The diesel contaminated soils shall be disposed of or properly placed into the OCD landfarm within 10 days. Landfarm, records must be maintained and material must be RCRA Non-hazardous.
- 8) The cooling tower soils and salts shall be disposed of within 30 days
- 9) The storm water Outfalls shall have control devices installed within 30 days
- 10) The stormwater plan shall be updated to show all drainages, intermediate containment devices and control devices.

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- 11) The Outfall areas shall have all of the silt build-up removed.
- 12) Giant shall continue the Old API stormwater investigation for oil accumulation. Need environ. testing of stormwater/oil. Full suite.
- 13) Need two additional MW's at evap pond # 1 and ALs 1 & 2.
- 14) Need to Plug Old south water well Tank# 101 oil leaks.

The logo for the New Mexico Environment Department (NMED) is displayed in a large, bold, serif font. The letters are a dark brown color and are set against a light, textured background that resembles a grid or a fine mesh.