



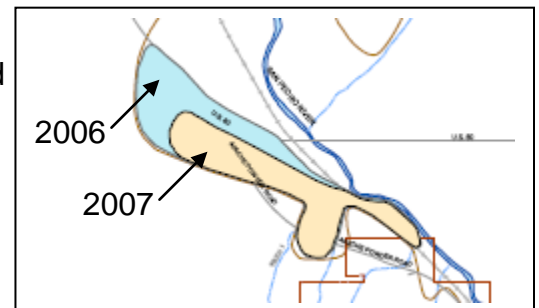
Superfund activities at the Apache Nitrogen Products site are divided into 3 separate areas. The Northern Area is shallow groundwater contaminated with nitrates north of the Apache property. The Southern Area is perched and shallow groundwater contaminated with nitrates and perchlorate primarily beneath Apache property near the entrance to the plant. The third component is several ponds historically used for disposal of wastewater.

Northern Area Groundwater

The wetlands continue to perform beyond expectations with treatment of nitrates occurring year-round.

Nitrate concentrations in the extraction well have dropped below 100 mg/l and Monitoring Well #36, once over 600 mg/l, is now below 200 mg/l.

In the Northern Area the extent of nitrates in excess of the drinking water standard of 10 mg/l has been reduced dramatically in the last year.



Nitrate reduces the ability of red blood cells to carry oxygen. In most adults and children these red blood cells rapidly return to normal if nitrate consumption is sufficiently reduced or eliminated entirely. However, in infants it can take much longer for the blood cells to return to normal. Infants who drink water with high levels of nitrate (or eat foods made with nitrate-contaminated water) may develop a serious health condition due to the lack of oxygen. For further information see <http://www.epa.gov/safewater/dwh/c-ioc/nitrates.html>.

Southern Area Groundwater

A final inspection was conducted by CH₂MHill on behalf of the EPA and a Southern Area Groundwater Interim Remedial Action Report was completed by EPA on September 30th.

As a result the Southern Area is now in the routine operation and maintenance mode. The amount of nitrate in groundwater in the Southern Area is continuing to decrease.

Inactive Ponds

The pond closure has been completed. EPA conducted the final inspection on October 30th. The closure report and operations and maintenance plans have been submitted to EPA for their approval. EPA is expected to issue an Interim Remedial Action Report for the ponds soon.



Apache will be issuing Apache Updates twice a year to keep you informed of the progress we are making on our Superfund remediation and other environmental and safety topics.

For more information, please feel free to contact Pamela Beilke at 720-2114 or pbeilke@apachenitro.com

Open House – Mark Your Calendars!

Every 12 to 18 months Apache holds an Open House, inviting our neighbors to tour the plant and see our wetland in operation.



We will be holding an Open House on **Saturday, April 26th** to celebrate the **10 year anniversary of the wetland.**


We will also conduct a **Community Ammonia Awareness Forum** to provide information about ammonia and our system for notifying the community of a release that might impact them.



Shelter-in-Place kits containing all the necessary supplies to create a safe place within your home will be made available to those who live in close proximity of the facility.

Apache Nitrogen Products, Inc.

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