

# BMI Companies Project Status Update

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# Project Status Update

- Brief review of site, location and parties involved.

# Project Status Update

- Currently, the Phase III Administrative Order on Consent for the BMI Common Areas is being negotiated between NDEP, BMI and the remaining Companies. Completion is imminent.
- This AOC will be used as the template for the negotiations with the individual BMI companies.

# BMI Common Areas Project Status

- In 2004 a significant investigative effort was completed in the BMI Common Areas known as the Upper and Lower Ponds.
- This investigation included the installation of approximately 45 wells and a number of soil samples.
- NDEP is currently working with BMI to finalize the groundwater monitoring plan for this area.

# BMI Common Areas Project Status

- Groundwater modeling is expected for the Upper and Lower Ponds area and the NDEP is working with BMI on this issue.
- Additional groundwater investigation is expected in the area between the Upper and Lower Ponds and the Las Vegas Wash.

# BMI Common Areas Project Status

- BMI is moving forward on the development of a number of documents on a variety of subjects including (but not limited to): ecological risk assessment; construction of their Corrective Action Management Unit (CAMU; aka: landfill); corrective action plan; conceptual site model; data quality objectives; etc.

# Pioneer, Stauffer, and Montrose Project Status

- A renovation of the existing Groundwater Treatment System is currently underway.
- Modifications include: replacement of air stripper; addition of GAC to treatment train, rehabilitation of extraction wells and renovation of injection trenches.

# TIMET – Project Status

- A wastewater treatment plant has been constructed on site (reverse osmosis).
- This plant will allow the remediation and closure of the off-site TIMET ponds which are now the responsibility of BMI.



# TIMET Project Status

- Excavation and off-site disposal of historic wastes stored on-site has been on-going and will continue into the future.
- A detailed investigation of the off-site migration of contaminants is currently on-going.

# Tronox Project Status

- Kerr-McGee is now known as Tronox.
- Investigation of the site is on-going.

# Tronox Project Status

- Remediation of chromium in groundwater is on-going.
- Remediation of chromium has been expanded to the Athens Road wellfield.
- Source remediation is being investigated.

# Tronox Project Status

- Remediation of perchlorate in groundwater is on-going.
- Investigation and refinement of the extraction wellfields continues.
- Current mass loading to the Las Vegas Wash is 120-150 pounds per day (down from 900-1,000 Pounds per day in 1998)
- Current Lake Mead concentration is <3 ppb.
- In addition to Tronox, other sources of perchlorate loading to the Las Vegas Wash include: AmPac, bank storage within the Wash, BMI waste disposal ponds, municipal wastewater plant effluent, storm water and Wash gravels.