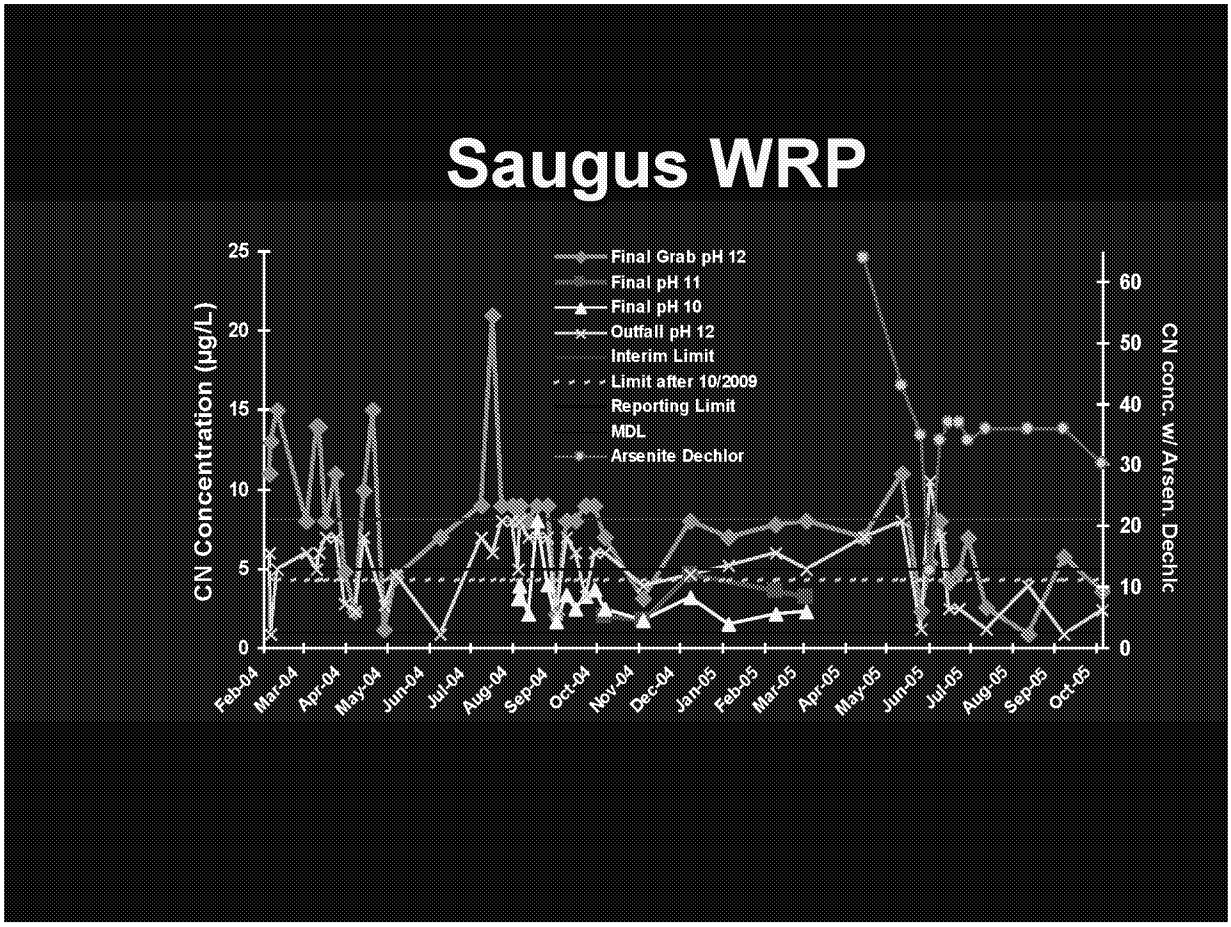

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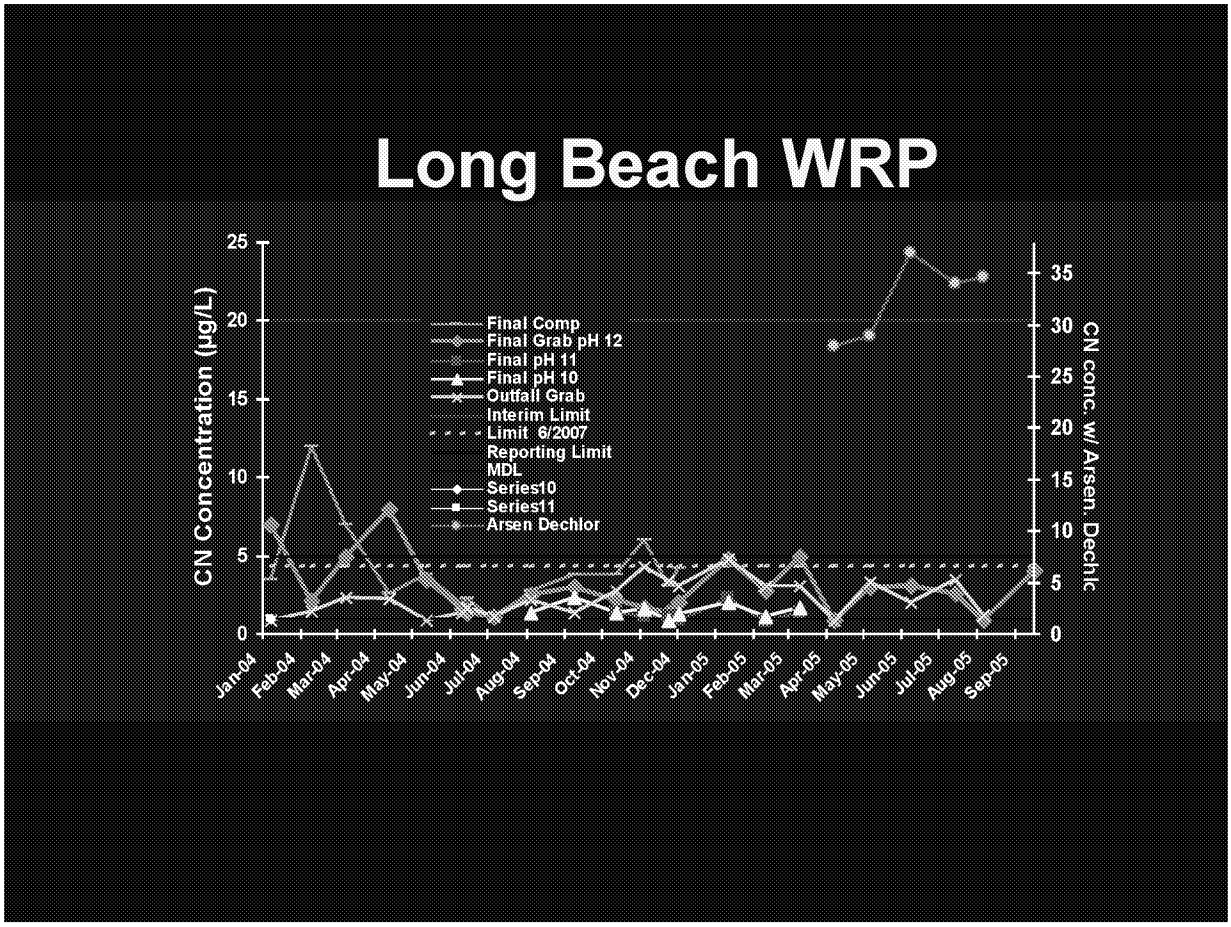

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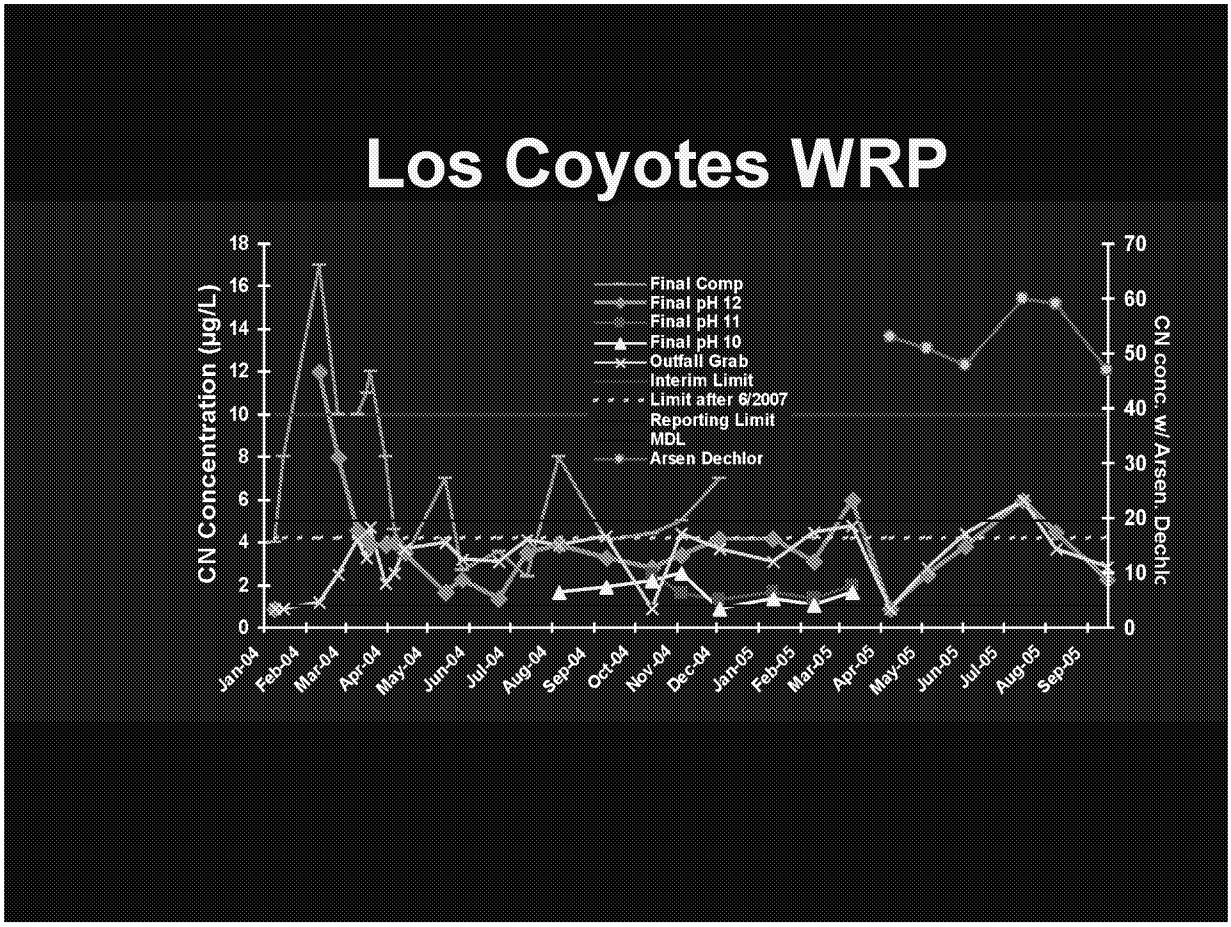

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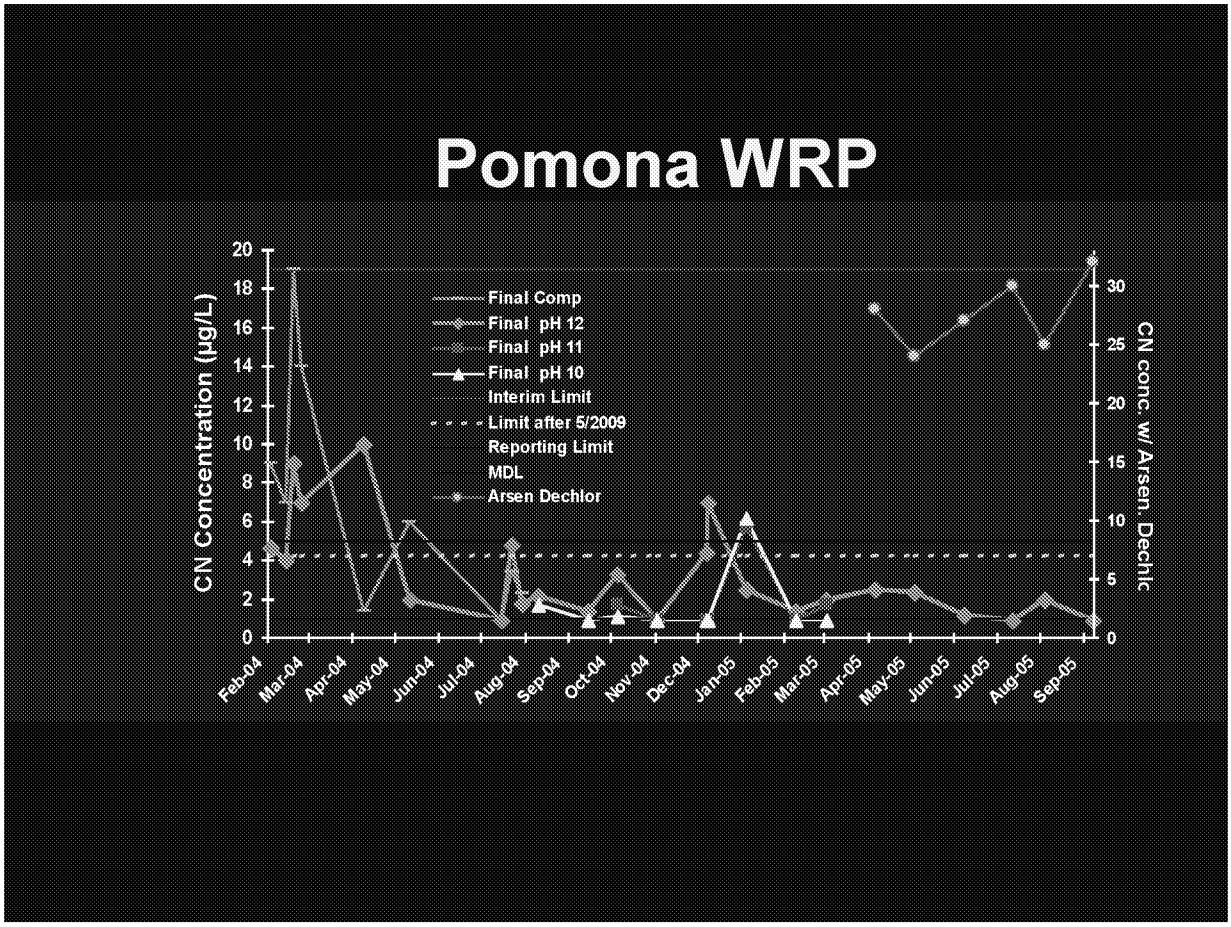

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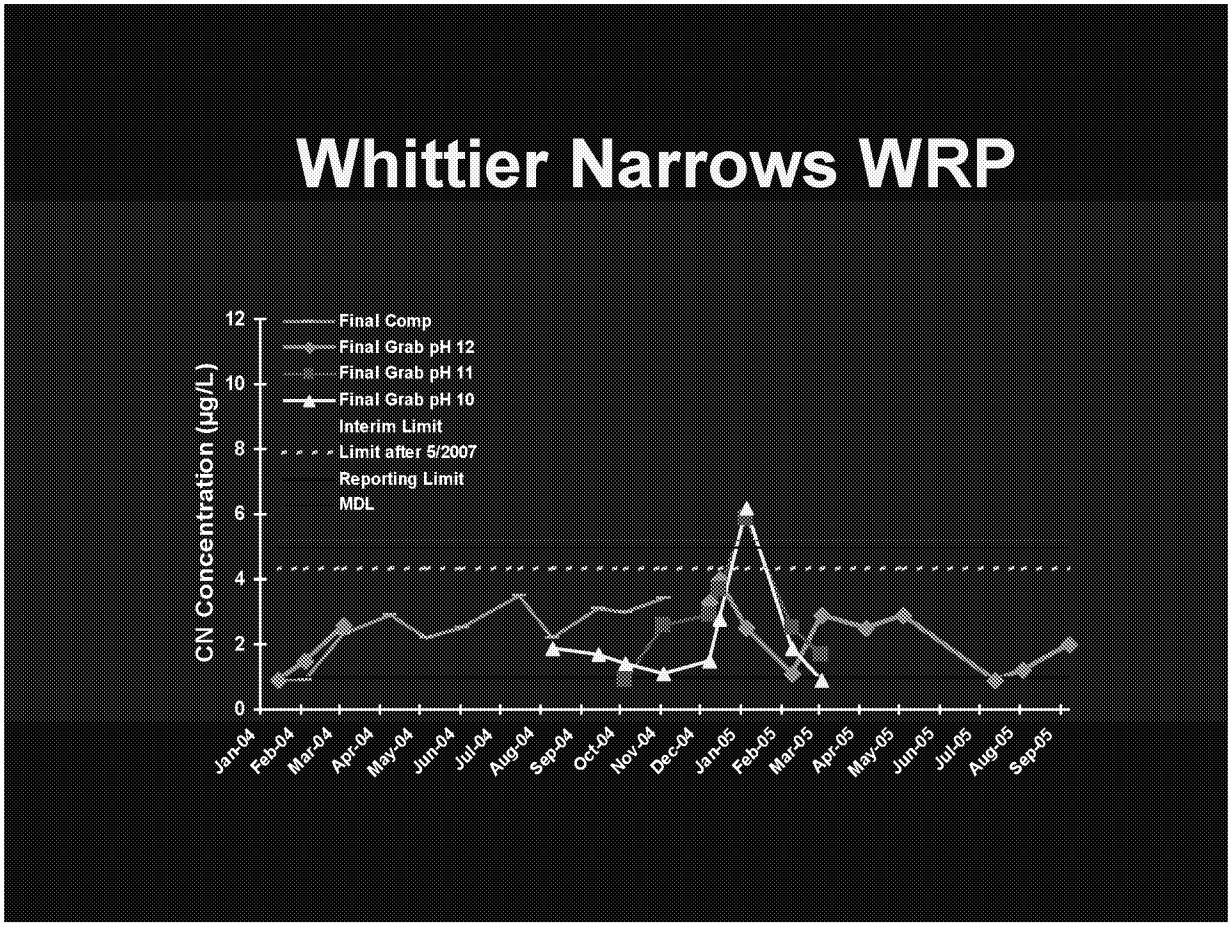

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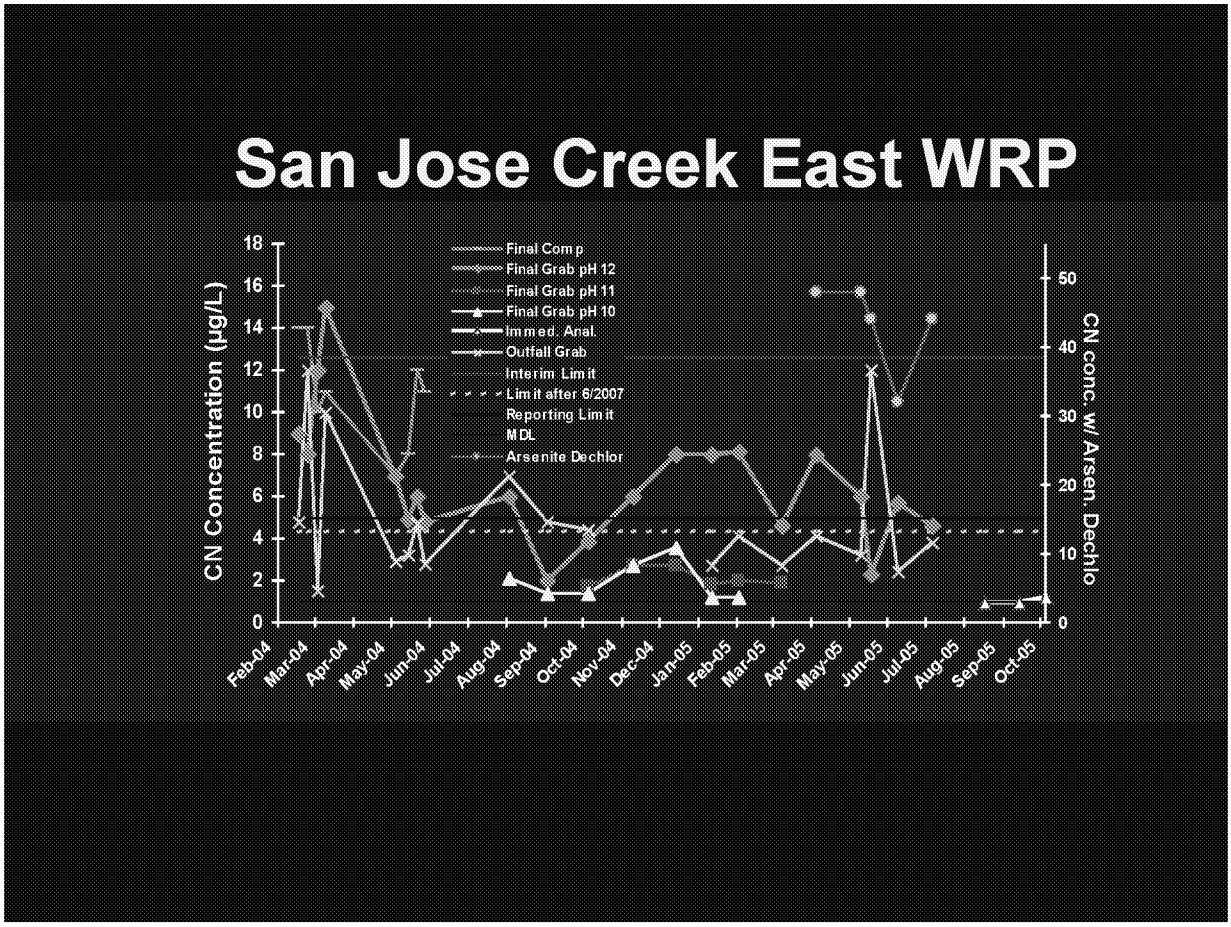

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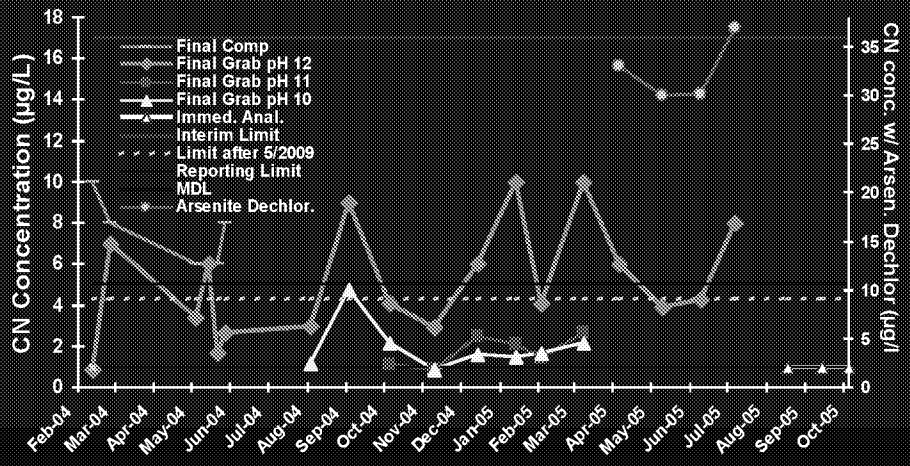
San Jose Creek West WRP



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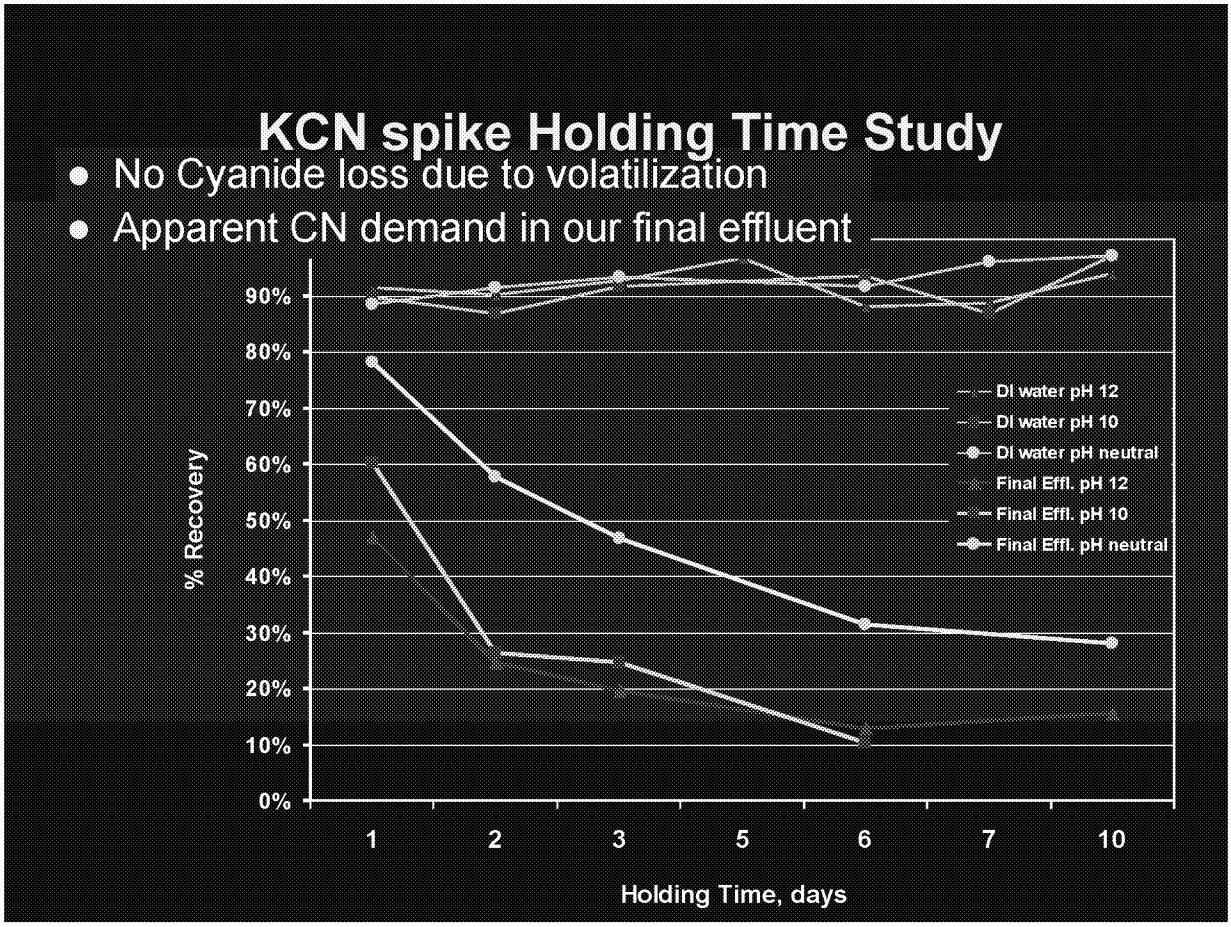
Conclusions

Treatment Plant Monitoring

- ✓ Four plants (Valencia, Saugus, SJC East and West) are usually above the reporting limit, and 4 others are usually below.
- ✓ Arsenite dechlorination consistently produces high results.
- ✓ Outfall sampling usually only slightly lower than final effluent.
- ✓ Low pH preservation yields lower results.



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Conclusions

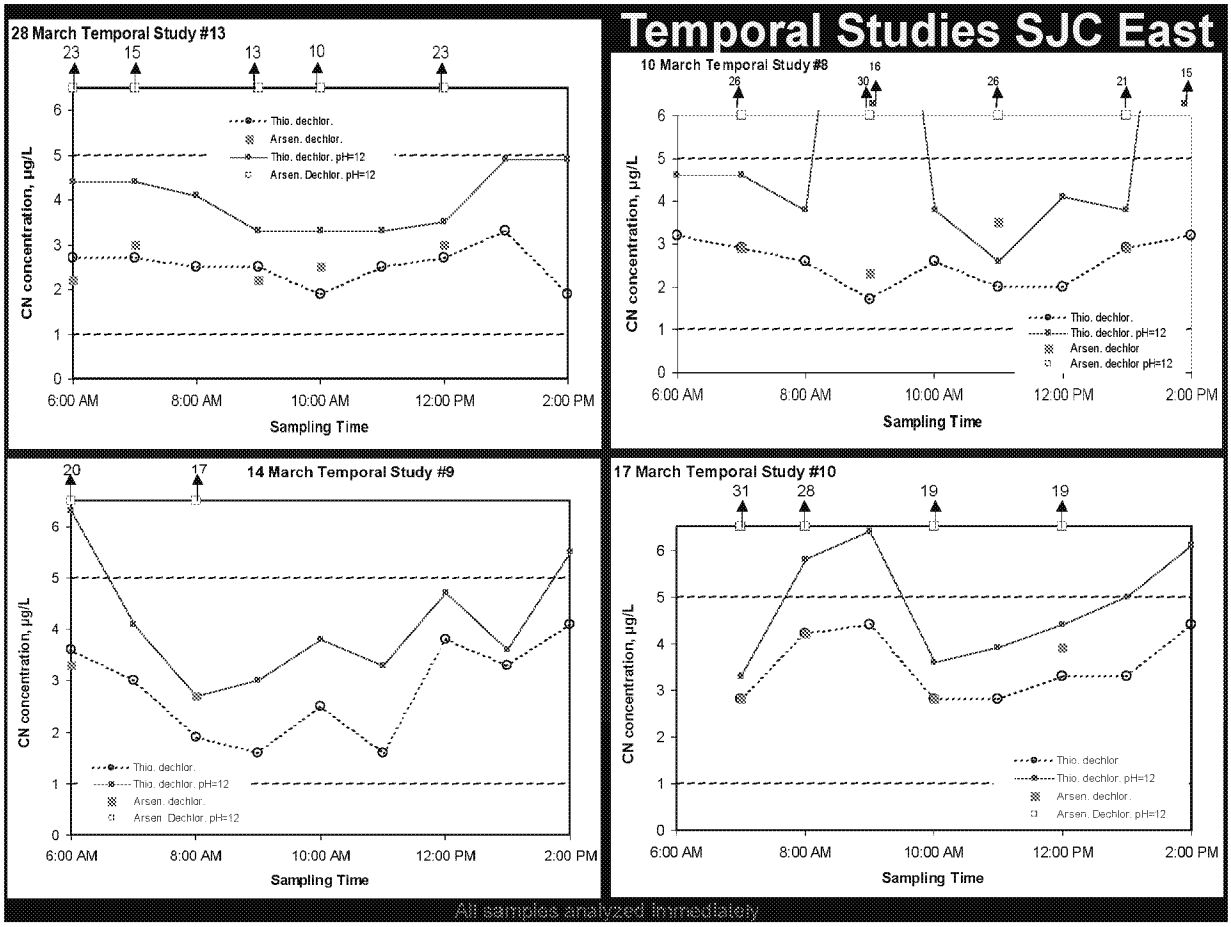
- No Cyanide loss due to volatilization
- Apparent CN demand in our final effluent

Immediate analysis with no pH adjustment

Preservation Studies

- Sodium Thiosulfate with no pH adjustment
- Sodium Thiosulfate, and NaOH to pH = 12
- Sodium Arsenite with no pH adjustment
- Sodium Arsenite, and NaOH to pH = 12

All samples were analyzed immediately
(distilled within 15 minutes of sampling)



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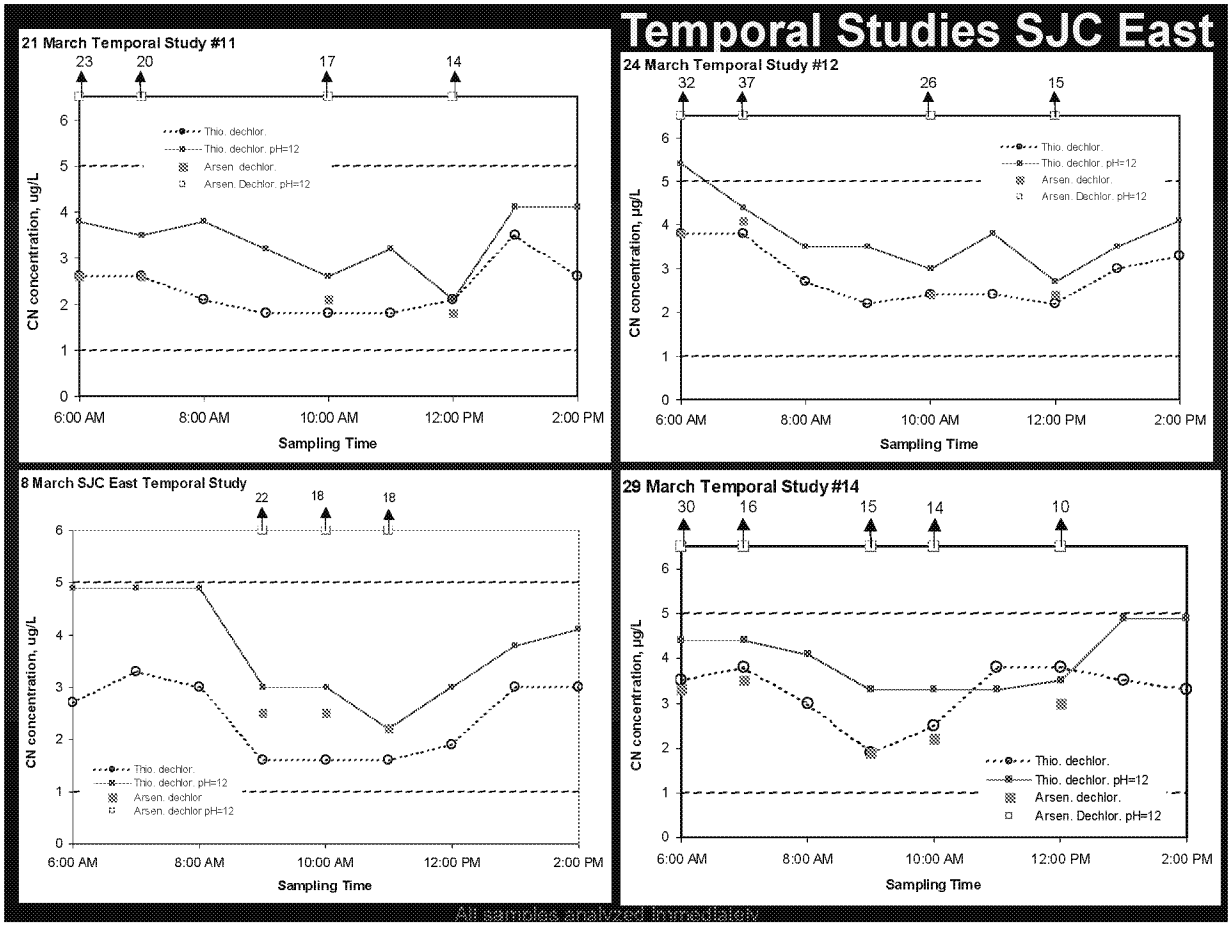

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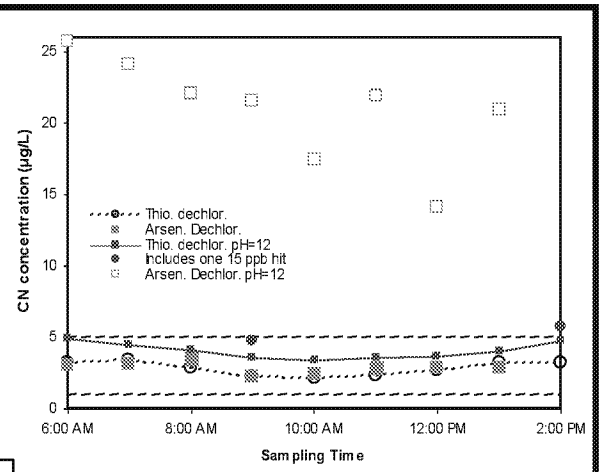
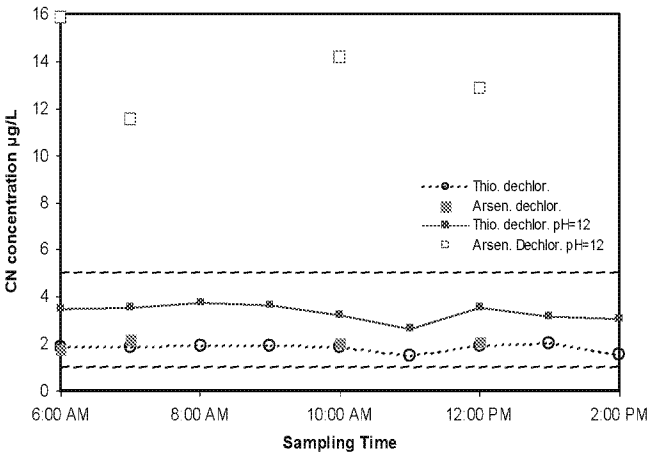
San Jose Creek East
Averaged Results



San Jose Creek West
Averaged Results



All samples analyzed immediately

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