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Project Title and Location

Henderson Las Vegas Superfund Site, Henderson , NV

Professional Services Completed	Data Validation and Data Quality Assessment
Construction Completed	On-going

PROJECT DESCRIPTION

- Provide data validation services to assess and assure quality of the data used for site investigation. Additionally, electronic data deliverables were generated to allow for database import and data tracking.



“Data Quality is the foundation of cost effective decision making” – Richard Amano, LDC

Scope of Work.

For the Henderson Las Vegas Wash Superfund site, LDC performed data validation and assessment per EPA and NDEP Tier “2” and “3” guidelines for various matrices and methods including volatiles, semivolatiles, pesticides, PCBs, dioxins, NDMA, perchlorate, heavy metals, radiochemical isotopes, and wet chemical parameters. Over 8,000 samples and \$800,000 in data validation was performed over a 4 year period.

Key Challenges and Solutions

Challenge: The site was highly contaminated along with complex matrices and matrix interferences encountered during analytical testing.

Solution: LDC staff used our past EPA and Superfund experience to differential false positive and negative detections.