Permitting Process for Carwash Wastewater Disposal

**Carwash Owner**
- Wastewater from Carwash and Restrooms
  - Discharge to Public Sewer
    - Yes
  - Subsurface Disposal
    - Yes
    - Review the requirements of R317-5, Determine Site, Soil and Groundwater Conditions, and prepare design and construction plans
    - No
    - Evaluate Alternatives
  - Total Containment/Recycling
    - Flow < 5,000 gallons per day
      - Yes
      - Review the requirements of R317-6 & 8, Apply for a surface / ground water discharge permit
      - No
    - Yes
    - Sanitary Waste only
    - No
  - Sanitary Waste only
  - Yes
  - Construction
  - UIC Permit Issued
    - Yes
    - Done .... Great !!!
    - No
  - No Subsurface Disposal
  - Review R317-6 & 8, Apply for a surface / ground water discharge permit
  - Authorized by rule under the Underground Injection Control Program
    - Complete and Submit an UIC Inventory form
  - Review the requirements of R317-7, TCLP Test Protocols and Procedures, 40 CFR Part 261, Appendix II
    - Warning signs; Oils, antifreeze, chemicals, fuels, solvents and hazardous materials discharge prohibited;
    - No engine cleaning or vehicle or equipment maintenance at the carwash;
    - Analysis for BTEX, TPH, volatile organics, and dissolved metals suggested before removing waste
  - Best Management Practices implemented
    - Apply for Underground Injection Control Permit
      - No carwash discharge until the permit is issued
      - Application Package - Proposal/Plan for pretreatment or treatment before discharge, groundwater and effluent monitoring and reporting, Application/renewal fees
  - Authorized by rule under the Underground Injection Control Program

**Utah Division of Water Quality**
- Review the requirements of R317-4.
  - Determine Site, Soil and Groundwater Conditions,
  - and prepare design and construction plans
  - Yes
  - Construction Review
  - Feedback
  - Approval
  - No
  - Best Management Practices implemented

**Local Health Department**
- Review
  - Comments, Feedback, Approval
  - No
  - Comments, Feedback, Approval
    - Yes
  - No
  - Yes

**Local Sewerage Agency**
- Review and Negotiations with Sewerage Agency
  - Rate and Quantity of Discharge, Pretreatment requirements
  - Other Conditions of Discharge
    - Yes
    - Approval received
    - Done Great !!!
    - No
  - No

KBHAYANI/CARWASH 11141999.VSD
Permitting Process for Carwash Wastewater Disposal

**Owner**
- Waste from Rest rooms Car Wash
  - Contact local sewer agency for pretreatment requirements and connection
  - Sewer Connection: Yes
  - Discharge to a water course: No
  - Subsurface Disposal: Yes

**Division of Water Quality**
- Application for discharge permit
  - Plans for a treatment system for compliance with effluent/water quality standards
    - Refer to R317
  - Application for a discharge permit
    - Plans for ground water monitoring for an UIC permit required

- Additional testing and investigations
  - Design meets the requirements of R317
  - Construction Approval
  - Final Inspection

- Plans for an onsite system
  - Best Management Practices Implemented
  - Construction Approval

**Local Health Department**
- Construction
  - Approval to construct issued
    - Application for onsite system approval
      - Percolation Tests
      - Soils/Ground Water Data
      - Plans Fees
      - Refer to R317-501 to 513
      - Additional testing and investigations
        - Revisions to the design
      - Construction Approval

- Flow from restrooms less than 5,000 gpd
  - Yes
  - No
  - Additional testing and investigations
  - Construction Approval