The following technical changes (including justification) are requested by:

Dustin Wilson
(Name)

Industrial Sites Task Manager
(Title)

The additions and changes specified in this Record of Technical Change apply to Sections 3.2 and 4.1 of the Corrective Action Investigation Plan for Corrective Action Unit 500: Test Cell A Septic System, Nevada Test Site, Nevada, Revision 0, DOE/NV--528. The additions and changes are necessary because preliminary results of analyses performed on samples collected from the septic tank and diversion structure at Corrective Action Unit 500 indicate the potential presence of uranium-234 and strontium-90. Due to this potential, samples will not be field screened for total petroleum hydrocarbons (TPH) because the TPH field screening method proposed would generate a mixed waste if radiological contamination is present in the samples.

Section 3.2, paragraph 1
Add the following bullets to the bullet list:
- Isotopic uranium (25 percent of samples)
- Strontium-90 (25 percent of samples)

Section 3.2, paragraph 3
Change the last sentence to read as follows: "Bioassessment samples will be collected and analyzed according to the requirements of the Leachfield Work Plan, if field screening detects VOC concentrations greater than field screening levels."

Section 4.1, paragraph 1
Change the eighth bullet to read as follows:
- Field screen samples for VOCs and radiological activity.

Change the tenth bullet to read as follows:
- Analyze soil samples for total VOCs, total SVOCs, total RCRA metals, PCBs, TPH (oil/diesel range organics), gamma-emitting radionuclides (25 percent of samples), isotopic uranium (25 percent of samples), and strontium-90 (25 percent of samples)."

Change the last bullet to read as follows:
- Collect and analyze bioassessment samples if VOCs exceed field screening levels.

Section 4.2.2
Change last sentence to read as follows: "Field screening for VOCs and radiological activity will be performed to guide the investigation and sampling selection, and to assist with health and safety and waste management decisions."

Section 4.2.3.3, last paragraph
Change first sentence to read as follows: "A sample of the basement soil beneath the leachfield/soil interface will be collected to assess its geotechnical and hydrologic characteristics. Bioassessment samples may be collected if VOCs are detected by field screening."
The project time will be (Increased)(Decreased)(Unchanged) by approximately 0 days.

Applicable Project-Specific Document(s):
Corrective Action Investigation Plan for Corrective Action Unit 500: Test Cell A Septic System, Nevada Test Site, Nevada, Revision 0, DOE/NV--528.

UNCONTROLLED