

DUGWAY PROVING GROUND

Technical Review Committee

- Project Update
 - RCRA Facility Investigation (RFI)
 - Consent Order Sites

August 2000



DUGWAY PROVING GROUND

Technical Review Committee - Consent Order Sites

- **HWMU 33 - Baker Sewage Lagoon**
 - **Closure Activities - remove sludge and concrete spillway, level berms, re-vegetate area**
 - ▣ **Submit Closure Proposal to UDEQ and the Public**
 - ▣ **Submit Draft Work Plan to USACE and DPG**
 - ▣ **Submit Pre-Final Work Plan to UDEQ**
 - ▣ **Submit Final Work Plan**
 - ☑ **UDEQ Approval of Final Work Plan**
 - Start Field Work (estimated for 7/5/00)**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Monitoring Requirements**
 - Remove from RCRA Permit**



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HWMU 33 Site Photo - Baker Sewage Lagoon



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- **HWMU 36 - Ditto Imhoff Tank**
 - **Closure Activities - fill tank with pea gravel, remove sludge drying bed and interconnecting piping, additional samples in the ditch**
 - ▣ **Submit Closure Proposal to UDEQ and the Public**
 - ▣ **Submit Draft Work Plan to USACE and DPG (for GW & Soil)**
 - ▣ **Submit Pre-Final Work Plan to UDEQ (for GW & Soil)**
 - ▣ **Submit Final Work Plan (GW)**
 - ▣ **UDEQ Approval of Final Work Plan (Soil)**
 - ☑ **Start Field Work**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Monitoring Requirements**
 - Remove from RCRA Permit**



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HWMU 36 Site Photo - Imhoff Tank & Pump House Foundation



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HWMU 36 Site Photo - Tank and Sludge Drying Bed



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HWMU 36 Site Photo - Ditch leading to Drain Field



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- **HWMU 37 - Ditto Landfill, 32-acre site with numerous trenches, waste include laboratory and UXO**
 - **Closure Activities - cap trenches and excavate dioxin contaminated soil outside the trench areas (possible variance to not add additional cover to cells)**
 - ▣ **Submit Closure Plan to UDEQ**
 - ▣ **Submit 30% Cap Design & Remedial Action Plan (RAP)**
 - ▣ **Submit Draft Work Plan to USACE and DPG (for GW & Soil)**
 - ▣ **Submit Pre-Final Work Plan to UDEQ (for GW & Soil)**
 - ☑ **Submit Final Work Plan (for GW & Soil)**
 - UDEQ Approval of Final Work Plan (for GW & Soil)**
 - Start Field Work (estimated for 8/19/00)**
 - Revise Risk Assessment**
 - Submit Field Report & Variance for “No Cover”**
 - Recommend Future Monitoring Requirements**
 - Enter Post Closure Phase**

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HWMU 37 Site Photo - General Site with Soil Mound in Background



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- **HWMU 38 - Ditto Decontamination Pad**
 - **Closure Activities - some additional characterization remaining for both soil and groundwater, may meet industrial risk assessment**
 - ☑ **Submit Closure Proposal to UDEQ and the Public**
 - Submit Draft Work Plan to USACE and DPG (pending contract action)**
 - Submit Pre-Final Work Plan to UDEQ**
 - Submit Final Work Plan**
 - UDEQ Approval of Final Work Plan**
 - Start Field Work (estimated for 4/01)**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Monitoring Requirements**
 - Remove from RCRA Permit**



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- **HWMU 42 - Contractor's Landfill in English Village**
 - **Closure Activities - identify landfill boundary and place soil cap over the waste (boundary investigation in 8/00)**
 - ☐ **Submit Closure Plan to UDEQ**
 - ☑ **Submit 30% Cap Design & Remedial Action Plan (RAP)**
 - Submit 60% Cap Design & RAP**
 - Submit Final Cap Design & RAP**
 - UDEQ Approval of Design and RAP**
 - Start Field Work (estimated for 7/01)**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Maintenance & Monitoring Requirements**
 - Enter Post Closure Phase**



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HWMU 42 Site Photo - Asphalt Debris



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- **HWMU 47 - Sewage Lagoons South of Fries Park**
 - **Investigation Activities - Complete nature and extent of contamination investigation in 2 lagoons and drainage area**
 - ▣ **Submit Draft Work Plan to USACE and DPG**
 - ▣ **Submit Pre-Final Work Plan to UDEQ**
 - ▣ **Submit Final Work Plan**
 - ▣ **UDEQ Approval of Final Work Plan**
 - ▣ **Start Field Work**
 - ☑ **Evaluate Risk Assessment**
 - ☑ **Evaluate Remedial Alternatives**
 - ☑ **Submit Nature and Extent Report**



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HWMU 47 Site Photo - East Lagoon



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- **HWMU 48 - Fries Park 3X Metal Storage Area**
 - **Closure Activities - Excavate and dispose of PCB contaminated soil (some ABP contamination also)**
 - ▣ **Submit Closure Plan to UDEQ**
 - ▣ **Submit Draft Work Plan to USACE and DPG**
 - ▣ **Submit PCB removal proposal to EPA**
 - ▣ **Submit Pre-Final Work Plan to UDEQ**
 - ☑ **Submit Final Work Plan**
 - ☑ **UDEQ Approval of Final Work Plan (LET 'ER RIP)**
 - Start Field Work (estimated for 10/16/00)**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Monitoring Requirements**
 - Remove from RCRA Permit**



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Technical Review Committee - Consent Order Sites

- **HWMU 63-2 - Carr Facility Septic Tank and Leachfield**
 - **Closure Activities - additional soil samples in the leachfield, sample bottom of septic tank, and re-evaluate risk assessment**
 - ▣ **Submit Closure Plan to UDEQ**
 - ▣ **Submit Draft Work Plan to USACE and DPG**
 - ▣ **Submit Pre-Final Work Plan to UDEQ**
 - ▣ **Submit Final Work Plan**
 - ▣ **UDEQ Approval of Final Work Plan**
 - Start Field Work**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Monitoring Requirements**
 - Remove from RCRA Permit**



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- **HWMU 128 - Pesticide Storage Building, Septic Tank, and Leachfield**
 - **Closure Activities - additional soil samples in the leachfield, remove waste from septic tank, re-evaluate risk assessment**
 - ☐ **Submit Closure Plan to UDEQ**
 - ☐ **Submit Draft Work Plan to USACE and DPG**
 - ☐ **Submit Pre-Final Work Plan to UDEQ**
 - ☑ **Submit Final Work Plan**
 - UDEQ Approval of Final Work Plan**
 - Start Field Work (estimated for 9/28/00)**
 - Revise Risk Assessment**
 - Submit Field Report**
 - Recommend Future Monitoring Requirements**
 - Remove from RCRA Permit**

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HWMU 128 Site Photo - Pesticide Building and Septic Tank



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- **HWMU 130 - English Village Gas Station Sump and Drain Field**
 - **Closure Activities - Sump and drain line investigated and removed, soil sampling in drain field area south of road**
 - ▣ **Submit Closure Plan to UDEQ**
 - ▣ **Submit Draft Work Plan to USACE and DPG**
 - ▣ **Submit Pre-Final Work Plan to UDEQ**
 - ▣ **Submit Final Work Plan**
 - ▣ **UDEQ Approval of Final Work Plan**
 - Start Field Work**
 - Revise Risk Assessment**
 - Submit Field Report**
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Technical Review Committee - Consent Order Sites

• Groundwater Monitoring

- 15 sites (approx. 80 wells) currently being monitored on a semi-annual basis
- HWMUs 2, 14, 33, 36, 37, 38, 39, 42, 43, 47, 51, 55, 58, 90, 128
- FY 00 GW Activities
 - ▣ 1999 CME completed by UDEQ
 - ▣ Responses to 1999 CME Completed by DPG
 - ▣ Nov 99 sampling (HWMU 2)
 - ▣ Feb 00 sampling (all HWMUs), regional GW level
 - ▣ Field Activity Report for Nov & Feb
 - ▣ May 00 sampling (HWMU 2 & 38)
 - ☑ Aug 00 sampling (all HWMUs), regional GW level
 - ☑ Field Activity Report for May & Aug
 - Final Report for FY 00 by March 1, 2001

