

## **Appendix C**

### **Inspection Checklist**

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## 2006 INSPECTION CHECKLIST FALLS CITY, TEXAS, UMTRCA TITLE I DISPOSAL SITE

### Status of Site Inspections

Date of This Revision: January 5, 2006  
 Last Annual Inspection: January 26, 2005  
 Inspectors: Widdop and Gardner  
 Next Annual Inspection (Planned): January 24, 2006

No.	Item	Issue	Action
1	Protocols	Notify Louis McGee (DOE), NRC, and Patricia Bobeck (State of Texas).	Lou and Pat will attend the inspection, along with Lou Gloystein, a State of TX engineer. Sent notification to Paul Michalak at NRC; NRC participation not expected.
2	Access	Access to the site is through a vehicle gate directly off Farm-to-Market Road FM 1344 near the east corner of the site. Another vehicle gate is located at the north corner.	Check condition of the gates and confirm they are locked. Roger Lyssy was considering making modifications to the entrance gate because it sags.
3	Specific site surveillance features	See attached table.  Seven signs were stolen before the 2005 inspection and replaced. Water samplers replaced 2 more missing signs in November 2005.	Inspect and note conditions.  Carry replacement signs (note larger [3-in.-dia.] sign posts).
4	Top and side slopes of the disposal cell	Site integrity and long-term performance. Ponded water from a recent heavy rainfall was noted along the northwest edge of the cell top during the 2003 inspection, not noted in 2004 or 2005.  A local farmer (Roger Lyssy) mows the grass-covered top and bales the hay.  Woody vegetation tends to grow along the edge of the cover and on the side slopes. Mr. Lyssy cuts and treats the vegetation.  Fractured riprap has been noticed on the side slopes. To date, fractures appear to be artifacts of quarrying and rock placement.	Check for settling, slumping, erosion, or other modifying process. Check evidence of the cover not draining properly. Region experiencing drought.  Note condition of the grass cover and evidence of mowing. Contacted Roger, asked him to come by site on morning of inspection.  Assess effectiveness of vegetation control. Note locations of woody vegetation on the inspection map. Take reference photo from P11.  Assess the condition of the riprap to determine if the fractured riprap is an indication of rock degradation.
5	Site perimeter	Grass is mowed and bailed by Roger Lyssy.	Check condition of the grass and for evidence of erosion, particularly along southern side. Roger intended to disk rilled area to smooth it.

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		<p>Grass is growing in the rock drains, but may be beneficial in dissipating energy of site runoff. Willows were establishing in the south drain.</p> <p>The fence was installed on the NE, SE, and SW sides of the property by the UMTRA Project and is in good condition. On the NW boundary, the old ROW fence leans outward above a steep bank but was stable in 2005. A portion of the older fence along the NW boundary was damaged by road maintenance crews and is funded for replacement in 2006.</p>	<p>Evaluate the effect of grass encroachment on the performance of the rock drains, look for encroachment in apron. Mr. Lyssy was retained to cut and treat the willows in 2005.</p> <p>Check condition and stability of the fence. Be prepared to make other fence repairs. Obtain final measurements and complete arrangements with Mr. Lyssy to replace the fence along the NW boundary.</p>
6	Outlying area	State-owned land southeast of the site has been sold. Use restrictions are imposed.	Visually inspect area within 0.25 mile of the site and note land use activity and changes. Inspect the former state parcel for violations of use restrictions.
7	Ground water monitoring	There are 7 cell performance wells sampled twice a year (0709, 0858, 0880, 0906, 0908, 0916, and 0921) and 5 ground water compliance wells sampled annually (0862, 0886, 0891, 0924, and 0963). Last sampling in November 2005. Inspection of wells is not required.	Note condition and security of the cell performance wells encountered during the site inspection.
8	Biela Property	Well 0891 located on this.	Ms. Bobeck wants to conduct a drive-by to see where well is in relation to UMTRA site. Sent GEMS link 1/5/06.
9	Ramp to cell top	Mr. Lyssy drives across the E corner of the side slope to get haying equip to the cell top. Funding approved to install a ramp.	Confirm needed characteristics with Mr. Lyssy. Assume ramp will be built of layers of progressively smaller angular rock.

## Specific Site Surveillance Features—Falls City, Texas, Disposal Site January 2006

Feature	Comment
Entrance Gate (2)	The main entrance gate is located at the east corner of the site, and another gate is located at the north corner.
Entrance Sign (1)	Located next to the main entrance gate.
Perimeter Sign (64)	Located on "larger-diameter" posts inside the perimeter fence.
Site Marker (2)	SMK-1 located near the main entrance, and SMK-2 located near the center of the cell top.
Survey Monuments (3)	Located on the north, east, and south property corners.
Boundary Monuments (2)	Located on the north and west property corners. Extend 12 inches above ground surface.

End of current text