



Construction Observation – Formed Manure Storage Structure

Facility Information

Name: _____ ID#: _____, _____ County
Concrete Contractor: _____ Person(s) Present: _____

Floor Pre-Pour Observation

Date & Time: _____

Sub-grade/base:

Uniform & Level (required) Yes No

Appears suitable to pour Yes No (subgrade muddy, mud on rebar, standing water, etc.)

Reinforcement: #4 bars at 18" OC each way (required) Yes No

Concrete: Appears to be minimum 5" thick floor (required) Yes No

Support chairs used (required) Thickened footings for columns (not required) Thickened footing under walls (min 8", required)

Comments _____

Floor Pour Observation

Date & Time: _____

Concrete – Compressive strength > 4,000 psi (floor/walls) (required): Yes No Not observed

> 3,000 psi (footings) (required): Yes No Not observed

Admixtures: Not used Not observed; Type and quantity: _____

Form A drain used Yes No

Wall rebar bent into floor or separate dowels installed to connect walls to footings? (required) Yes No Not observed

PVC waterstop installed on inside of wall dowels: Yes No Not observed

Comments _____

Post-Floor Pour Observation

Date & Time: _____

Curing (required): Cured w/ water Cured w/ curing compound Protected w/ wet burlap or plastic sheets

Proper curing? Yes No _____

Excessive cracking present? Yes No _____

Wall dowels installed (required)

Comments _____

Observer Name: _____

Wall Pre-Pour Observation

Date & Time: _____

Reinforcement: Not observed (Refer to CDS for required rebar (required))

Observed Rebar	Wall (vertical)	Wall (horizontal)
Grade		
Size		
Spacing		

- Water stop in place on inside of wall dowels (required)
- No pipe penetrations in wall (not allowed)
- Rebar tied in place before placing of concrete (required)
- Rebar continuous through construction joints (required)
- Rebar not touching wall forms (2" clearance required)

Comments _____

Wall Pour Observation

Date & Time: _____

Concrete – Compressive strength > 4,000 psi (floor/walls) (required): Yes No Not observed

Thickness (in): Not observed; Wall: _____

Admixtures: Not used Not observed; Type and quantity: _____

Rigid forms used (required): Yes No Not observed

Concrete vibrated (required)

Comments _____

Post-Wall Pour Observation

Date & Time: _____

Curing (required): Cured w/ water Cured w/ curing compound Protected w/ wet burlap or plastic sheets

Proper curing? Yes No _____

Excessive cracking present? Yes No _____

Excessive honey combing? Yes No _____

Perimeter drain tile present (required)? Yes No _____

Filter fabric installed? Yes No Daylights onsite? Yes No

Sump pump used? Yes No Shut-off valve installed? Yes No

Sampling port installed? Yes No (note locations) _____

Columns Set Yes No Beams Set Yes No

Slats Set Yes No Slats Grouted Yes No

Backfill placed after slats grouted (required) Yes No Unknown

Comments _____

Observer Name: _____