



STATE OF NEW MEXICO
 ENVIRONMENT DEPARTMENT
 ENVIRONMENTAL HEALTH DIVISION
ONSITE LIQUID WASTE SYSTEM INSPECTION



NMED Permit No: TA090136 Applicant's Name Antonia Fahmay
 Address 1040 Alameda
 Type of Inspection: INITIAL FINAL REINSPECTION COMPLAINT OTHER

1. BUILDING SEWER

- a. OK Correct Size and Material 20.7.3.813.C
- b. OK Required Cleanouts Present, Installed Correctly & to Finish Grade 20.7.3.813.B
- c. OK Pipe at Correct Grade (1/8" to 1/4" per foot) 20.7.3.813.A

2. PRE-TREATMENT

- a. NA Type: _____
- b. ✓ Installed as per Plans or Manufacturer's Instructions 20.7.3.401.1
- c. ✓ Other: _____

3. SEPTIC TANK / SEC./TERT. TREATMENT UNIT

- Type Concrete Plastic/Fiberglass Sec./Tert. Treatment Unit
- a. OK Located as per Site Plan 20.7.3.401.1
 - b. OK Correct Setbacks 20.7.3.302, Table 302.1 1000 gal Gonzales
 - c. OK Tank Certified; Correctly Labeled 20.7.3.501; 20.7.3.501.B.4
 - d. OK Tank Correctly Oriented, Level & Depth Below Grade 20.7.3.501.J.7
 - e. OK Inlet / Outlet Pipes Sealed & Watertight
 - f. OK Inlet / Outlet Baffle or Tee with Branch Extending 12" Minimum Below Liquid Level
 - g. OK Effluent Filter Installed, Riser to Grade
 - h. OK Tank & Fittings Correctly Vented
 - i. OK Concrete Tank: Coated & Material Correct **OR** Type V Concrete
 - j. OK Outlet Pipe Correct Size & Material
 - k. OK Manholes Correctly Sized & Located
 - l. OK Manhole Risers at Grade, Diameter, Secure Lids & Coated, if concrete
 - m. NA Tank Installed per Manufacturer's Instructions
 - n. ✓ Advanced Treatment Unit Installed per Manufacturer's Instructions
 - o. ✓ Water Tightness Test Conducted
 - p. ✓ Water Softener Discharge Bypassing ATU
 - q. ✓ Other: _____

4. SURGE, PUMP AND HOLDING TANKS

- Type Surge Tank Pump Tank Holding Tank Other
- a. NA Correct Size
 - b. ✓ Inlet/Outlet Sealed Correctly
 - c. ✓ Pump(s) & Alarms installed on separate circuits, properly set and located
 - d. ✓ Manholes, Risers, Lids Correct and Water Tight

5. TEE/DISTRIBUTION BOX/HEADER

- a. OK 4" Diameter
- b. OK Tee Level/Header
- c. NA "D" Box Level and on Concrete Slab or Stable Soil
- d. NA "D" Box Inlet Baffled and 1" Above Outlets
- e. NA "D" Box Outlets at Same Height; Equal Flow to Outlets
- f. OK Tee or "D" Located a Min. of 5' From Disposal Field.
- g. ✓ Other: _____

6. DISPOSAL TRENCH OR BED

- Type Trench Chamber Bed Seepage Pit(s) Other
- a. OK Soil Type Verified
 - b. OK Correct Clearance to Ground Water or Limiting Layer

Additional comments: _____

- c. OK Correctly sized disposal area 2x3'
 - d. OK Correct Setbacks 56' 56'
 - e. OK Excavation at Correct Grade
 - f. OK Correct Spacing Between Trenches or Beds
 - g. NA Smearred Soils Not Present on Trench or Bed
 - h. OK Correct Aggregate; Type, Size, Clean and Amount
 - i. OK Correct Depth of Aggregate Above and Below Pipe
 - j. OK Correct Pipe; 2-hole, 4" Minimum Diameter, End Caps
 - k. OK Aggregate Covered with Approved Material
 - l. NA Pipe Covered with Geotextile Fabric in Place of Aggregate
 - m. OK Inspection Port(s), Capped
 - n. NA Other: _____
- Seepage Pits:**
- a. ✓ Underside of lid coated; riser provided as required
 - b. ✓ Domed covers covered with minimum 2" concrete
 - c. ✓ Brick or block laid end to end with staggered tight joints
 - d. ✓ Side wall inlet properly vented
 - e. ✓ Inlet/outlet fittings sealed
 - f. ✓ Locking or secured lid

Other Disposal Methods:

- a. NA Type: _____
- b. ✓ Installed per Plans or Manufacturer's Instructions
- c. ✓ Other: _____

7. ON-SITE WELL MEASUREMENTS

- a. ✓ Nitrate-N: _____ (mg/L)
- b. ✓ Iron: _____ (mg/L)
- c. ✓ Fluoride: _____ (mg/L)

8. GIS COORDINATES

- Well: lat N36.42347 long W105.58928'
- Elev 6954'
- Sys: lat N36.42336 long W105.58910
- Elev 69416'

9.

COMMENTS/VIOLATIONS

- Continued on attached Sheet(s)
- OK to cover - c/t

- Installation Approved
- Installation Approved w/conditions (See Comments/Violations)
- Installation Not Approved (See Comments/Violations)

10. **Final Approval**
- Granted Not Granted

Em 9 NOV 09
 NMED Inspector, Date

I certify that this liquid waste system was installed in accordance with the permit approved by NMED, unless otherwise noted in Comments Section above.

St M
 Installer, Date

OK - If installed and meets Requirements
 NI - Not inspected
 NA - Not applicable
 NC - Not Compliant
 NV - Not Verified
 AP - As Proposed
 NT - Not Tested EX - Existing

Legal Description

Exhibit A

TRACT "C-1"

87529 Zip

A certain tract of land in El Prado, Taos County, New Mexico; within the Taos Pueblo Grant; located within Section 6, Township 25 North, Range 13 East, NMPM; described as part of Exception 178, Private Claim 208, Parcel 1 and part of Exception 89, Private Claim 155, Parcel 1 of the 1915 USGLO survey of the private claims within the Taos Pueblo Grant; also described as part of Tracts 12 and 13, Map 17, Survey 2, of the 1941 Taos County Reassessment Survey; and more particularly described by metes and bounds as follows;

BEGINNING for the tie at triangulation station "Shannon," a 1973 State Engineer's Office brass cap monument found, thence; S 10° 57' 17" E, 1069.82 ft. to a point on the southwesterly boundary of Exc. 89, PC 155, P1, from whence a 1/2 in. rebar found as a witness corner bears S 49° 37' 16" W, 0.46 ft. distant, thence along said boundary; S 39° 59' 03" E, 533.85 ft. to a point from whence a 1/2 in. rebar found as a witness corner bears S 49° 41' 04" W, 0.46 ft. distant, thence leaving said boundary; N 49° 41' 04" E, 410.05 ft. to the NW corner of this tract and true POINT AND PLACE OF BEGINNING, a point at the center of a 50.0 ft. radius cul-de-sac from whence a 1/2 in. rebar set as a witness corners bears S 49° 41' 04" W, 50.0 ft. distant, thence leaving said cul-de-sac and along the centerline of and ingress, egress and utility, easement 40.0 ft. in width;

N 49° 41' 04" E, 407.95 ft. to the NE corner, a 1/2 in. rebar found on the southerly side of "Francis Road," thence leaving said centerline and along said road;

S 40° 40' 05" E, 265.41 ft. to the SE corner, a 1/2 in. rebar found, thence leaving said road;

S 49° 40' 38" W, 410.81 ft. to the SW corner, a 1/2 in. rebar set, thence;

N 40° 03' 02" W, 265.46 ft. to the POINT AND PLACE OF BEGINNING.