

GW - 34

**PERMITS,
RENEWALS,
& MODS**

Application

District I - (505) 393-6161
P. O. Box 1980
Hobbs, NM 88241-1980
District II - (505) 748-1283
811 S. First
Artesia, NM 88210
District III - (505) 334-6178
1000 Rio Brazos Road
Aztec, NM 87410
District IV - (505) 827-7131

New Mexico
Energy Minerals and Natural Resources Department
Oil Conservation Division
2040 South Pacheco Street
Santa Fe, New Mexico 87505
(505) 827-7131

Revised 12/1/95
Submit Original
Plus 1 Copies
to Santa Fe
1 Copy to appropriate
District Office

DISCHARGE PLAN APPLICATION FOR SERVICE COMPANIES.
GAS PLANTS, REFINERIES, COMPRESSOR, AND CRUDE OIL PUMP STATIONS
(Refer to the OCD Guidelines for assistance in completing the application)

☒ New

☐ Renewal

☐ Modification

1. Type: Oil Field Service Company, Tank Fabricator
2. Operator: Spurgin Curry Industries DBA Western Tank Manufacturing
Address: 503 E. Cedar St., Farmington N.M. 87401
Contact Person: Clayton Roberts Phone: Office: 632-2200, Western Tank Home 325-2804, 325-3078
3. Location: NE 1/4 SW 1/4 Section 15 Township 29 Range 13
Submit large scale topographic map showing exact location.
4. Attach the name, telephone number and address of the landowner of the facility site.
5. Attach the description of the facility with a diagram indicating location of fences, pits, dikes and tanks on the facility.
6. Attach a description of all materials stored or used at the facility.
7. Attach a description of present sources of effluent and waste solids. Average quality and daily volume of waste water must be included.
8. Attach a description of current liquid and solid waste collection/treatment/disposal procedures.
9. Attach a description of proposed modifications to existing collection/treatment/disposal systems.
10. Attach a routine inspection and maintenance plan to ensure permit compliance.
11. Attach a contingency plan for reporting and clean-up of spills or releases.
12. Attach geological/hydrological information for the facility. Depth to and quality of ground water must be included.
13. Attach a facility closure plan, and other information as is necessary to demonstrate compliance with any other OCD rules, regulations and/or orders.
14. CERTIFICATION

I hereby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: M. Clayton Roberts Title: Quality Control Manager
Signature: M. Clayton Roberts Date: 6-22-99

Discharge Plan Application for Service Companies,
Gas Plants, Refineries, Compressor, and Crude Oil Pump Stations

This is a new application. No previous plan exists.

1. Type: Oil Field Service Company; Tank Manufacturing
2. Operator: Spurgin Curry Industries LLC, DBA Western Tank Manufacturing
Address: 503 E. Cedar St.
Farmington, NM 87401

Contact Persons:

1. Clayton Roberts, Safety and Environmental Coordinator
Office phone (505) 632-2200
Phone at Western Tank Manufacturing (505) 325-2804
Home phone (505) 325-3078
2. Carol Cannon, Plant Manager (505) 325-2804
3. Mike Lewis, General Manager (505) 632-2200

3. Location

Western Tank Manufacturing is located in the NE 1/4 of the SW 1/4 of section 15, township 29, range 13. It includes two parcels of land. A detailed legal description as well as a plat drawing is enclosed. See Appendix A.

4. Land Owner

This property is a rented facility. The landowner has an office in the building, but is generally not there. The landowner's name, home address and telephone are as follows:

Ray Padilla
446 CR 3000
Aztec, NM 87410
(505) 334-2345

The owner of Western Tank Manufacturing wishes to be notified of violations which may result in fines, a shut down, or other repercussions that may endanger the ability of the company to continue doing business, or in the event of major emergencies. His home address and telephone are:

Bruce Curry
18 Cumberland Circle
El Paso, TX 79903
Home Phone (915) 566-2567

5. A drawing of the subject property is attached, including the location of tanks, barrels, pits, work areas, paint areas, the dike along the river, fences, and storage areas. See Appendix B. As shown on the drawing, the property is fenced on three sides with a berm on the riverside. The close proximity of the river has been addressed with a berm and a yard clean up plan. The berm is constructed of heavy, low permeability soil. The height of the berm is 1 1/2 to 2 feet in height and 2 1/2 to 3 feet across. An additional six feet of level land exists on the river side of the berm, before the bank drops off. No future improvements to the property are planned at this time.

The tanks on this location are as follows:

Two 500 gallon above ground saddle tanks (AST) for diesel and gasoline located along the northern edge of the property. Secondary containment for these tanks are two welded steel pans measuring 6 feet by 7 feet by 6 inches each. The pans are approximately 3 feet from the fence, and another 5 feet exists between the fence and the street.

A 1000-gallon AST used motor oil tank is located near the southwest corner of the property. The tank is set up from its' containment pan approximately 6 inches using steel skids. Secondary containment for this tank is a welded steel pan measuring 8 feet by 8 feet by 1 foot.

The only pit is a crawl area for workers at the stack pack to crawl through to enter tanks from the bottom. This pit is approximately 3 feet deep and covered with 3/8-inch steel plate and a 3/8-inch steel hatch door for workers to enter. The crawl space is T shaped. The depth averages 32 inches. The width is 4 feet. The longest portion of the pit is 18 feet and the leg is 13 feet. Grading covers the long section to allow for fresh air exchange. A drawing is enclosed to show the specific location of these dimensions. See Appendix C.

6. Materials Stored At the Facility

Type	General Makeup Or Specific Brand Name	Liquid or Solid	Container Type	Estimated Volume	Location
1. Drilling Fluids	None				
2. Brines	None				
3. Acids/ Caustics	None				
4. Detergents/ Soaps	None				
5. Solvents & Degreasers	Xylene	Liquid	55 gallon drum	110 gallons	Outside the paint shop in a welded steel pan
	Safety Kleen Parts Washer	Liquid	parts washer/bath	10 gallons	Inside the tool room
6. Paraffin Treatment/ Emulsion Breakers	None				
7. Biocides	None				
8. Others	Motor Oil,	Liquid	55 gallon drum	40 gallons	Behind the paint shop.
	Hydraulic Oil,	Liquid	55 gallon drum	20 gallons	Behind the paint shop.
	Tractor hydraulic Fluid,	Liquid	55 gallon drum	20 gallons	Behind the paint shop.
	Ethylene Glycol Antifreeze	Liquid	55 gallon drum	10 gallons	Behind the paint shop.

7. Effluent and Waste Solids

Waste Type And General Composition		Volume/ Month	Major Additives
1. Truck Wastes or Hydro test water		None	
2. Truck, tank, and drum washing		None	
3. Steam cleaning of parts		None	
4. Solvent/ Degreaser Use	Safety Kleen Parts Cleaner	One Gallon/Mo.	Petroleum Hydrocarbons Metal shavings from worn parts
5. Spent Acids, Caustics, or Completion Fluids		None	
6. Waste Shop Oil	Pipe Threading Oil	None	
7. Waste Lubrication and Motor Oil	Motor Oil From Forklifts And Crane	10 Gallons	
8. Oil Filters	From Forklifts And Crane	58	
9. Solids and sludge from tanks		None	
10. Painting Waste	Xylene paint thinner	55 to 110 gallons/mo.	Oil based paints
11. Sewage		None	
12. Other waste liquids		None	
13. Other waste solids	Oil Spotted Soils	55 gallon drum	

8. Summary Description of Existing Liquid and Solid Waste Collection and Disposal

Waste Type	Tank or Drum	Floor Drain Or Sump	Pits	On Site Injection Well	Leach Field	Offsite Disposal
1. Truck wastes		None	None	None	None	
2. Truck, tank, and drum washing		None	None	None	None	
3. Steam cleaning		None	None	None	None	
4. Solvent/Degreaser	Parts washing table/bath	None	None	None	None	Safety Kleen
5. Spent Acids, caustics, or completion fluids		None	None	None	None	
6. Waste slop oil		None	None	None	None	
7. Waste lubrication and motor oils	Tank	None	None	None	None	Safety Kleen
8. Oil filters	Dumpster	None	None	None	None	WMI landfill
9. Solids and Sludge	None	None	None	None	None	
10. Paint waste	Drum	None	None	None	None	Perma Fix
11. Sewage No floor drains		None	None	None	None	
12. Other waste liquids		None	None	None	None	
13. Other waste solids	Drum	None	None	None	None	Perma Fix Or Envirotech

9. Proposed Modifications

None

10. Routine Inspection and Maintenance Plan

At Western Tank Manufacturing, a weekly yard clean up has been implemented. The crew takes time to clean up any soil from the ground that has drips from equipment leaks and puts the soil into empty barrels. Fertilizer is raked into smaller spots. Checks are made to insure that all covers are on containers on clean up days, and the crew has had training stressing the importance of keeping the yard clean and all liquids contained and covered. At the time of yard clean up, any potential leaks in containers are reported and corrected.

Used Xylene is filtered and re-used in primer coats on the tanks. Perma-Fix stops by on a monthly basis to pick up any paint waste that can no longer be used. They also look at any other waste streams and supply Western Tank Manufacturing with empty barrels and labels as needed. Both Perma-Fix and Envirotech have run tests on the oil soaked soil and found it within limits for land farming. One of these licensed facilities picks it up at least monthly.

Empty barrels are stored on their side with the bungs horizontal on the west end of the paint shop. The used motor oil is hauled away by Safety Kleen. Due to the small volume that is generated, this is done about every two years and the tank never gets past half full. Consideration has been made for finding a smaller storage system.

All tanks and drums have containment pans under them and are checked during weekly yard clean up. Extra effort has been implemented on the part of the maintenance personnel to stop fluid leaks from equipment. Paint is stored inside a steel welded building, which offers containment by itself, and the steel building is inside of the paint shop.

11. Contingency Plan for reporting and clean up of spills or releases

All spills at the site must be reported to the plant manager and the environmental coordinator immediately. If the spill is over five gallons, Denny Foust at the Aztec OCD office will be notified.

Spills will be cleaned up by creating earthen burms with the soil at the site, then by shoveling contaminated soil into barrels for disposal. Because of the small quantity of liquids stored at the site as well as the existing containment, clean up can be implemented swiftly and efficiently.

Should the spill be gasoline, the crew will need to take precautions such as a fire watch, to insure the safety of the personnel involved in a clean up. With a gasoline spill of over five gallons, the fire department will also be notified.

12. Geological/ hydrological information for the facility

Attached is a topographic map of the area including and surrounding Western Tank Manufacturing Appendix D. The ground water under the facility will vary in depth, depending upon the amount of moisture in the soil. The level and quality is fairly well expressed by the river. At the time of this report, the distance measured from the riverbank to the water level was ten feet. For future reference, this depth should be noted as the measurement during a very dry spring season.

Total Dissolved Solids (TDS), as tested by the City of Farmington upstream from Western Tank Manufacturing in April 1999 ranged from 318.5 mg/l to 325.5 mg/l. According to Judy Bird of the city lab, over the course of the year TDS is generally between 325 and 350 in the Animas River at their test site and much higher downstream from the sewer plant. Western Tank Manufacturing is between the test site and the sewer plant.

13. Facility Closure Plan

Should the facility be closed, sold or operations are changed in any significant way, OCD will be notified within 30 days.

14. Certification

I hearby certify that the information submitted with this application is true and correct to the best of my knowledge and belief.

NAME: M. Clayton Roberts

TITLE: Acting Safety and Environmental Coordinator

Signature:

M. Clayton Roberts

Date:

6-22-98

APPENDIX A

LEGAL DESCRIPTION

PLAT DRAWING

APPENDIX A

QUAD 2
Q3-2

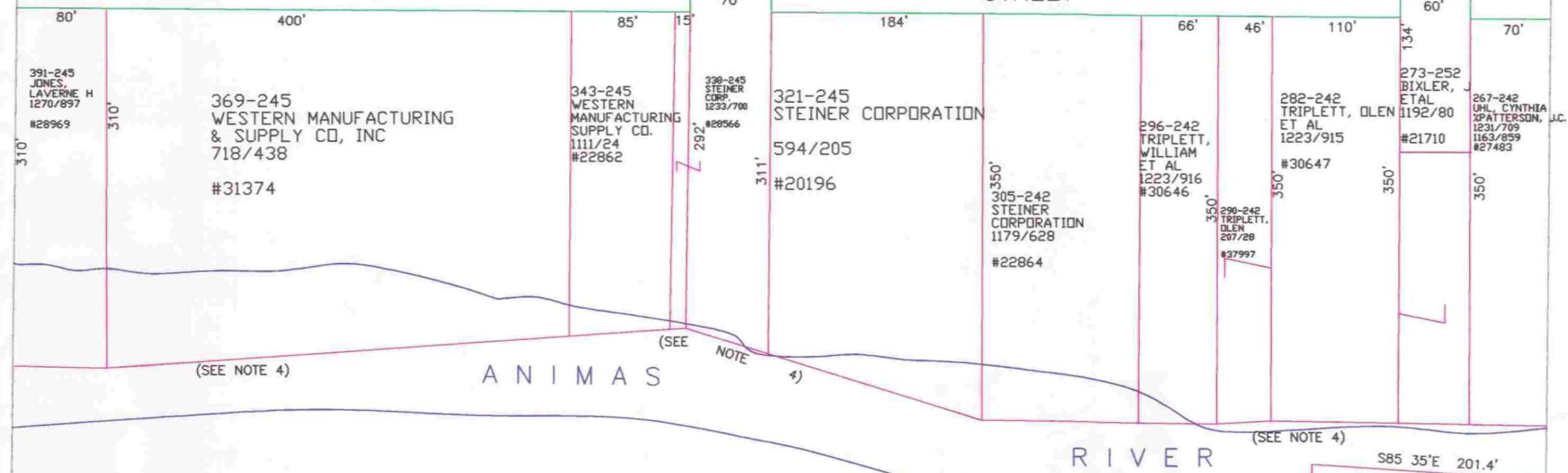
QUAD 2

QUAD 2

QUAD 1
QUAD 4

EAST CEDAR STREET

STREET



334-207
BRIMHALL, LEROY
1033/389
#21210

CITY OF FARMINGTON
737/22
REF CODE 2-075-171-207-185
SEC. 15

PROPERTY IDENTIFICATION MAP
SAN JUAN COUNTY
NEW MEXICO

(APPRX) 1" = 50'

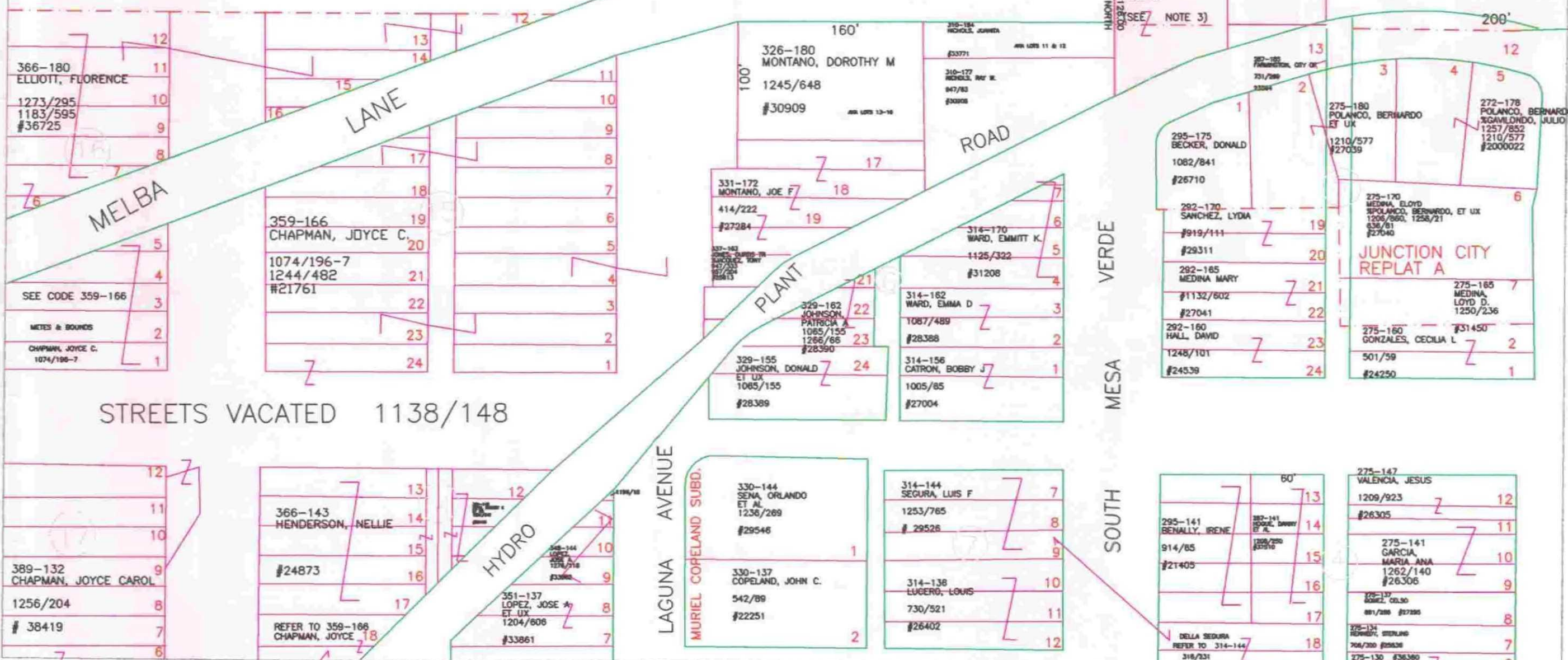
NOTE:
INFORMATION CONTAINED ON THIS MAP IS BASED SOLELY
ON RECORDED DATA (NO LIABILITY ASSUMED)

CODE NUMBER
2-075-171

LEGAL DESCRIPTION
SEC 15, T 29N, R 13W NESW

5 IN

NOTE:
THIS MAP IS FOR ASSESSMENT PURPOSES ONLY.



NWSW

SWSW

SESW

NOTES
3. Property descriptions overlap.
4. Description calls for center of river.

GENERAL
Width of river is approximate.
SE SW AND SH NE SW IS
OLD JUNCTION CITY - original lots
25'X 140', streets 80'

Q3-4

QUAD 4
QUAD 4

1999 S A N J U A N C O U N T Y P R O P E R T Y D E S C R I P T I O N
 NEW TAX ID. 31374 School District 5IN Tax Year 99 Total Tax _____

PROPERTY DESCRIPTION		BLOCK/SECT TOWNSHIP RANGE		
Line 1	BEG AT A PT S 40 FT & W	—	—	0
Line 2	740 FT FROM NE COR OF	—	—	0
Line 3	SW1/4	15	29	13
Line 4	W 500 FT; S TO CENTER OF	—	—	0
Line 5	ANIMAS RIVER; ELY ALONG	—	—	0
Line 6	CENTER OF RIVER TO PT S OF	—	—	0
Line 7	PT OF BEG; N TO BEG.	—	—	0
Line 8	APPROX 400X500 FT	—	—	0
Line 9	LESS THE E 100 FT IN	—	—	0
Line 10	B.669 P.448 B.718 P.438	—	—	0
Line 11	_____	—	—	—
Line 12	_____	—	—	—
Line 13	_____	—	—	—
Line 14	_____	—	—	—
Line 15	_____	—	—	—

Press RETURN to continue -->

1999 S A N J U A N C O U N T Y P R O P E R T Y D E S C R I P T I O N
 NEW TAX ID. 22862 School District 5IN Tax Year 99 Total Tax _____

PROPERTY DESCRIPTION	BLOCK/SECT TOWNSHIP RANGE		
Line 1 THE W 85 FT OF THE E 100	—	—	—
Line 2 FT OF THE FOLLOW BEG 40 FT	—	—	—
Line 3 S AND 740 FT W	—	—	—
Line 4 FROM NE COR SW1/4	15	29	13
Line 5 W 500 FT, S TO CENTER OF	—	—	—
Line 6 ANIMAS RIVER, ELY ALONG	—	—	—
Line 7 CENTER OF RIVER TO PT S OF	—	—	—
Line 8 PT OF BEG. N TO BEG.	—	—	—
Line 9 B.1111 P.24	—	—	—
Line 10 _____	—	—	—
Line 11 _____	—	—	—
Line 12 _____	—	—	—
Line 13 _____	—	—	—
Line 14 _____	—	—	—
Line 15 _____	—	—	—

Press RETURN to continue -->

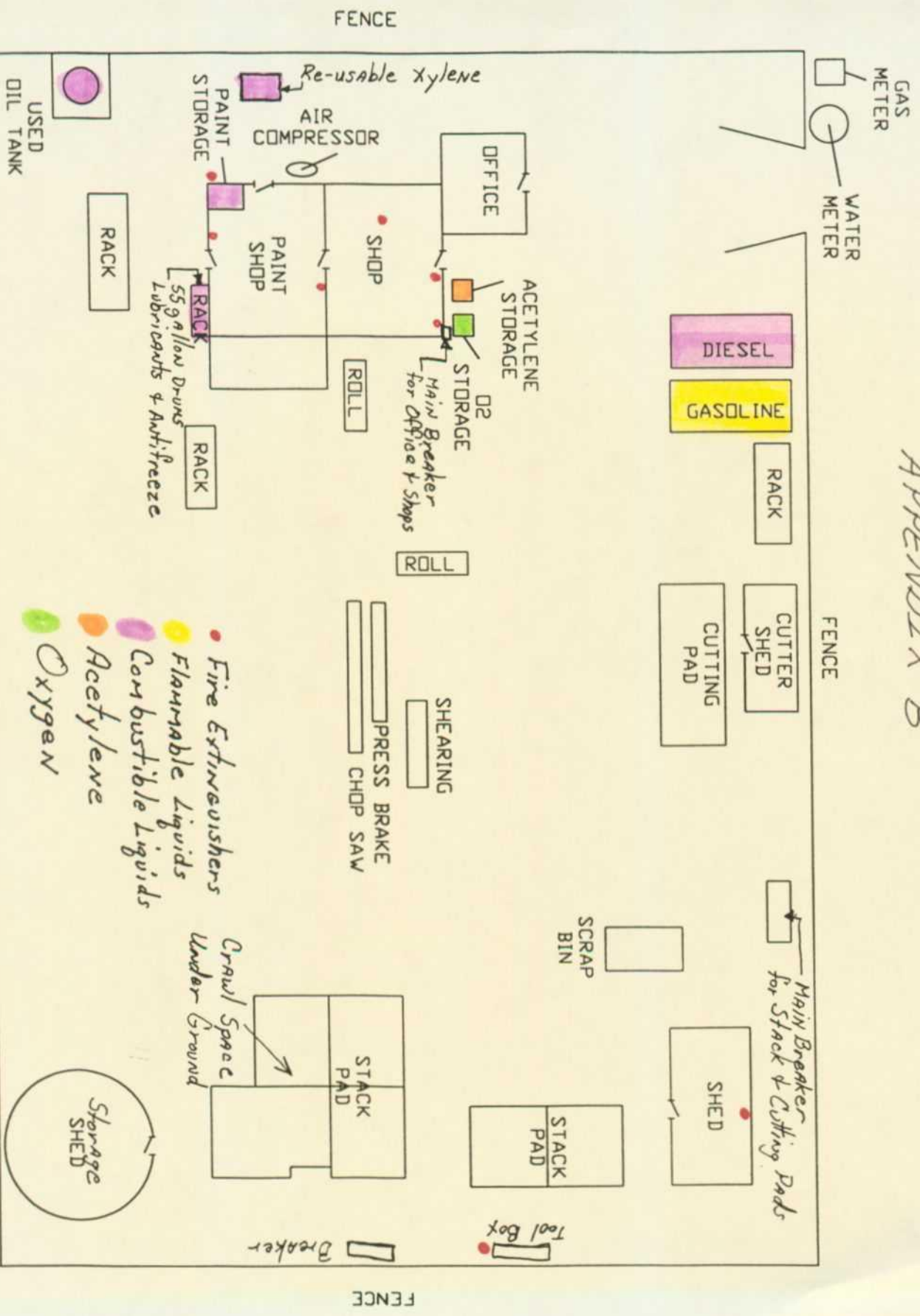
APPENDIX B

PLANT DRAWING

LOCATION OF AREAS OF CONCERN

East Cedar

APPENDIX B



Animas River

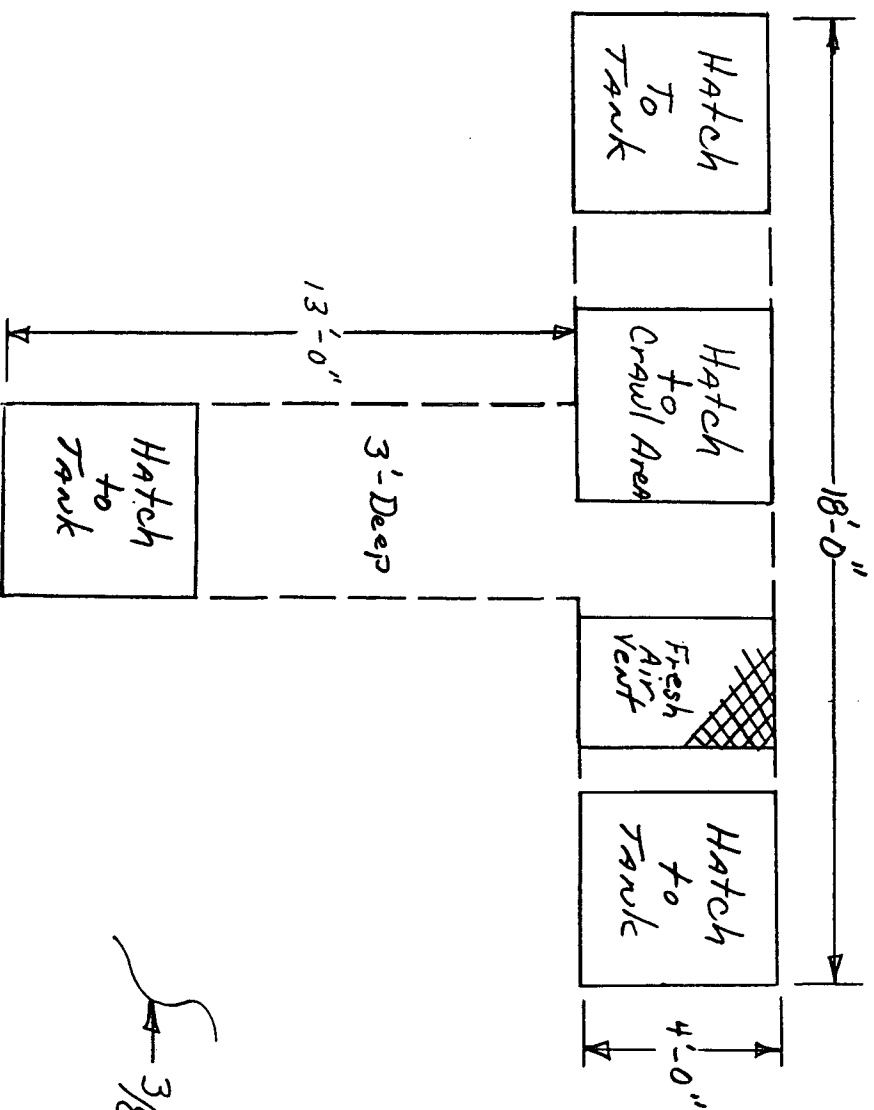
6' River Bank

Bank's Edge Vertical to Water surface
May 1999 (Dry Year) = 10 FT

APPENDIX C

CRAWL SPACE

STACK PACK



3/8" Plate Deck

Large Stack Pad
Crawl Area
Appendix C

APPENDIX D

TOPOGRAPHIC MAP