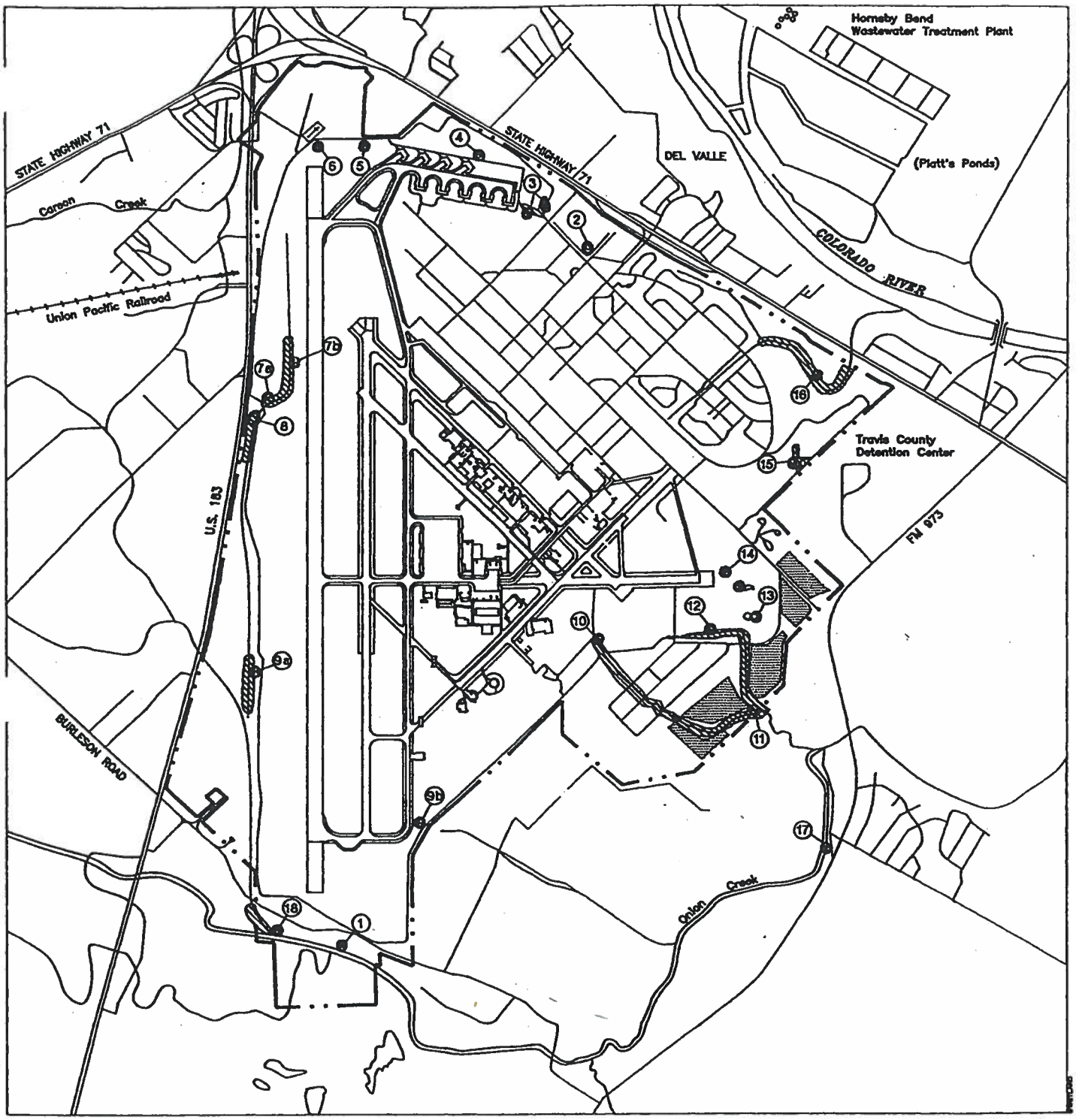
APPENDIX J
Wetlands Information



LEGEND

Base Boundary

Sample Locations

Wetlands
(For Acreage, see Table 2.2-1)

Landfill Sites

0 750 1500 3000 Feet

Wetland Study Sample Locations

Figure 2.2-1

WETLANDS EVALUATION TABLE

Location ID	Location Description	North Latitude	West Longitude	Vicinity Description	Animal Species	Plant Species	Water Present	Hydric Soils
10 East	Outlet to Drainage Tunnel	30 11.215'	97 39.385'	Concrete culvert 20' diameter semicircle tunnel outlet & skirt	Dragonflies	Umbrella grass, small pinkish purple 4 petal flower	Yes	None Visible
12	Drainage Ditch	30 11.369'	97 39.44'	Drainage ditch with 3' wide concrete channel in bottom middle, minimal vegetation in concreted sections, floating algal mat in 6 " standing water, 40 meters length standing water	Grasshoppers	Algae in water, bermuda grass, umbrella grass, ragweed	Yes	No
11	Drainage ditch at bend	30 11.202'	97 39.261'	Large drainage ditch 100 meters east of tunnel Ided as 10 E, Banks stabilized by angular limestone cobble and held in place with galvanized steel 3" wire mesh	Grasshoppers	Willows, ragweed, grasses flattened by previous water flow	No	None visible
10 West	Inlet to drainage tunnel	30 11.400'	97 39.630'	Inlet to drainage tunnel near private aviation hangars, Tunnel goes under runways to 10 East location	Rabbits, Grasshoppers	Ragweed, sunflower, beebalm,	No	Only at opening to tunnel
1	Onion Creek @ Airport runway lighting	30 10.497'	97 40.704'	Onion Creek across		Large trees, pecan, hackberry, box elder, sumac, muskadine grape, poison oak, poison ivy, giant ragweed, rattlebush	Yes	Yes
18	Ravine	30 10.632'	97 40.937'	40 ' deep ravine off of airport. Completely fenced, Visible through fence		Large trees, pecan, chinaberry, box elder, ash, poison ivy, poison oak, muskadine grape	None visible	Assumed yes
8 East	US 183 ditch	30 11.982'	97 41.009'	Roadside ditch at edge of airport property along US 183 at McKenzie Falls Road. Relatively dry.		Hackberry, mesquite, prickly pear, dry habitat	No	No

Location ID	Location Description	North Latitude	West Longitude	Vicinity Description	Animal Species	Plant Species	Water Present	Hydric Soils
8 West	50 meters inside fence	30 12.209'	97 40.950'	Low spot in this drainage ditch		Large Trees, Hackberry, pecan, cattails in standing water	Yes	Yes
7	Dry swale	30 12.207'	97 40.951'	This swale just west of the airport has been recently scraped and recontoured to encourage drainage. Small amount of water standing at opening to the culvert.		Virtually no vegetation	Very little	No
6	Tree Clump at end of runway 17R			Tree Clump at end of runway 17R		Muskadine grapes / heartleaf ampelopsis, poison oak, poison ivy,	No	Unknown
5	Ditch along fence	30 13.084	97 40.582'	Fence Junction. Very dry drainage ditch		Ragweed	No	No
3	Drainage culvert	30 12.622'	97 39.458'	Constructed stormwater pond and culvert system to eliminate standing water. Wetland conditions no longer exist.		Cultivated grasses	No except in constructed pond	No
16	Golf Course by 3rd T	30 12.313'	97 38.819'	Manmade and natural wetland. Fountain in upper pond aerates water. Natural creek bed below has standing water also.		Large trees, poison ivy & oak, muskadine grapes, willows, box elder, hackberry, duckweed	Yes	Yes
13	Golf course by Hole # 1	30 12.046'	97 38.957'	Constructed water hazard with manmade outfall structure located in center of pond	Aquatic Habitat Only	Virtually no vegetation	Yes	Assumed yes, possibly imported
17	Onion Creek	30 10.768'	97 38.849'	Onion Creek at and near FM 973 along airport boundary. Very large ravine along creek boundary.		Big trees including oak, pecan, hackberry, cottonwood, and cypress; poison ivy and oak	Yes	Yes

Location ID	Location Description	North Latitude	West Longitude	Vicinity Description	Animal Species	Plant Species	Water Present	Hydric Soils
9A	Previous ponded area	30 11.401'	97 40.898'	South portion west of the perimeter road. Steep bank with a natural ponding area for drainage at the bottom.		Poison ivy and oak, muskadine grapes	No	Assumed Yes, Mud cracking indicates high shrink swell
9B	Drainage area	30 10.853'	97 40.309'	Southeast corner of the east taxiway, Seasonal wetland drainage area that joins Onion Creek 1 mile to the southeast.		Hackberry, ragweed, poison ivy and oak, muskadine grapes	No	No

NOTES: 1) Sites number 2, 4, and 14 were never identified as wetland areas.
2) Sites number 13 and 15 are considered aquatic habitats only, and are not qualified as wetlands because they do not show any evidence of supporting wetland vegetation.
3) Site numbers 3 and 7 have been reconstructed and are no longer considered to exhibit wetland qualities.

Table 2.2-1

Wetland Acreage Assessment

Wetland Site	Approximate Size
Sites 1 and 18	0.21 acre (site mostly aquatic and riparian habitat*)
Site 2	Not considered jurisdictional wetland
Site 3	0.02 acre
Site 4	Not considered jurisdictional wetland
Site 5	0.005 acre
Site 6	0.25 acre
Site 7	0.33 acre
Site 8	0.92 acre
Site 9a	1.4 acres
Site 9b	Offbase
Site 10	0.14 acre
Site 11	1.72 acres
Site 12	0.23 acre
Site 13	Aquatic habitat only
Site 14	Not considered jurisdictional wetland
Site 15	Aquatic habitat only
Site 16	0.34 acre
Site 17	Offbase
Total Onbase Wetland Acreage	Approximately 5.6 acres

Note: *Parts of this area were not accessible, and therefore, were not evaluated; wetlands south of Onion Creek and along Cottonmouth Creek are not included.