

APPENDIX

LIST OF FIELDS

FIELD	FIELD TYPE	DATABASE NAME
AQUIFER.TXT		
1. Aquifer Code	Character (8)	aquifer_code
2. Aquifer Name	Character (70)	aquifer_name
CASING.TXT		
<i>(Maximum 19 records allowed per State Well Number.)</i>		
1. State Well Number	Integer	state_well_number
2. Order Number (down from top)	Small Integer	group_number
3. Casing/Screen/Open Hole indicator	Character (1)	c_s_o_indicator
4. Diameter of C, S, or O	Small Integer	diameter_csg_scn
5. Top Depth of interval	Small Integer	top_depth
6. Bottom Depth of interval	Small Integer	bottom_depth
COUNTY.TXT		
1. Old County Code (1 through 254)	Small Integer	old_code
2. FIPS County Code (1 through 507)	Small Integer	county_code
3. County Name (Upper Case)	Character (15)	county_name
4. County Name (Upper and Lower Case)	Character (15)	county_name2
5. Region Number	Small Integer	region
INFQUAL.TXT		
<i>(Unlimited number of records allowed per State Well Number.)</i>		
1. State Well Number	Integer	state_well_number
2. Month	Small Integer	mm_date
3. Day	Small Integer	dd_date
4. Year	Small Integer	yy_date
5. Sample Number	Character (1)	sample_number
6. Storer Code	Character (5)	storct_code
7. Flag (> or <)	Character (1)	flag
8. Constituent Value	Character (13)	const_val
9. Confidence (plus or minus)	Decimal (4,1)	plus_minus
REMARKS.TXT		
<i>(Maximum 10 records allowed per State Well Number.)</i>		
1. State Well Number	Integer	state_well_number
2. Order Number	Small Integer	group_number
3. Remarks - 1	Character (35)	remarks_1
4. Remarks - 2	Character (35)	remarks_2

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FIELD	FIELD TYPE	DATABASE NAME
STORET.TXT		
1. Storet Code	Character (5)	storet_code
2. Constituent Name	Character (8)	constit_name
3. Long Description	Character (50)	long_description
4. Short Description	Character (8)	short_description
5. Units of Measure	Character (4)	units_of_measure
WELDTA.TXT		
<i>(One record allowed per State Well Number.)</i>		
1. State Well Number	Integer	state_well_number
2. FIPS County Code	Small Integer	county_code
3. Basin	Small Integer	basin
4. Zone	Small Integer	zone
5. Region Number	Small Integer	region_number
6. Previous Well Number	Character (8)	previous_well_nu
7. Latitude	Integer	latitude
8. Longitude	Integer	longitude
9. Owner	Character (22)	owner_1
10. Owner	Character (22)	owner_2
11. Driller	Character (20)	driller_1
12. Driller	Character (20)	driller_2
13. Accuracy of Coordinates	Character (1)	source_of_coords
14. Aquifer Code	Character (8)	aquifer_code
15. Elevation of LSD	Small Integer	elev_of_lsd
16. Method of Elevation Measurement	Character (1)	meth_of_meas_elev
17. Users Code Economics	Integer	user_code_econ
18. Date Drilled	Character (8)	date_drilled
19. Well Type	Character (1)	well_type
20. Well Depth	Small Integer	well_depth
21. Source of Depth Measurement	Character (1)	source_of_depth
22. Type of Lift	Character (1)	type_of_lift
23. Type of Power	Character (1)	type_of_power
24. Horsepower	Character (7)	horsepower
25. Primary Water Use	Character (1)	primary_water_use
26. Secondary Water Use	Character (1)	second_water_use
27. Tertiary Water Use	Character (1)	tertia_water_use
28. Water Levels Available (C,H,M,R,N)	Character (1)	water_level_avail
29. Water Quality Available (Y or N)	Character (1)	water_qual_avail
30. Well Logs Available	Character (6)	well_logs_avail
31. Other Data Available	Character (5)	other_data_avail
32. Date Collected or Updated	Character (8)	date_coll_or_updat
33. Reporting Agency	Character (2)	reporting_agency

LIST OF FIELDS

FIELD	FIELD TYPE	DATABASE NAME
WELDTA.TXT <i>(cont'd.)</i>		
34. Well Schedule in TWDB Files (Y or N)	Character (1)	well_sched_in_file
35. Construction Method	Character (1)	construct_method
36. Completion	Character (1)	completion
37. Casing Material	Character (1)	casing_material
38. Screen Material	Character (1)	screen_material
39. Lithological Log Type	Character (2)	lith_log_type
40. Lithology Interpreter Initials	Character (3)	lith_int_by
41. Lithology Interpretation Date	Date	lith_date
WLEVELS.TXT		
<i>(Unlimited number of records allowed per State Well Number.)</i>		
1. State Well Number	Integer	state_well_number
2. Publishable/Nonpublishable (P or N)	Character (1)	pn_well_visit_mar
3. Depth From LSD	Decimal (6, 2)	depth_from_lsd
4. Month	Small Integer	mm_date
5. Day	Small Integer	dd_date
6. Year	Small Integer	yy_date
7. Measurement Number	Character (2)	measurement_number
8. Measuring Agency	Character (2)	measuring_agency
9. Method of Measurement	Character (1)	method_of_meas
10. Remark	Character (2)	remark
WQUALITY.TXT		
<i>(Unlimited number of records allowed per State Well Number.)</i>		
1. State Well Number	Integer	state_well_number
2. Month	Small Integer	mm_date
3. Day	Small Integer	dd_date
4. Year	Small Integer	yydate
5. Sample Number	Character (1)	sample_number
6. Sample Time	Character (5)	sample_time
7. Temperature Celcius	Character (2)	temp_centigrade
8. Top of Sampled Interval	Small Integer	top_s_interval
9. Bottom of Sampled Interval	Small Integer	bottom_s_interval
10. Sampled Aquifer Code	Character (8)	samp_int_aqcode
11. Collection Remarks	Character (30)	collection_remarks
12. Reliability Remark	Character (2)	reliability_rem
13. Collecting Agency	Character (2)	collecting_agency
14. Lab Code	Character (2)	lab_code
15. Balanced/Unbalanced Analysis (B/U)	Character (1)	bu_wqanalysis
16. Silica Flag (< or >)	Character (1)	q00955_flag
17. Silica MGL	Decimal (8, 2)	q00955_silica_mgl
18. Calcium Flag	Character (1)	q00910_flag

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FIELD	FIELD TYPE	DATABASE NAME
WQUALITY.TXT (<i>cont'd.</i>)		
19. Calcium MGL	Decimal (8, 2)	q00910_calcium_mgl
20. Magnesium Flag	Character (1)	q00920_flag
21. Magnesium MGL	Decimal (8, 2)	q00920_magnecs_mgl
22. Sodium Flag	Character (1)	q00929_flag
23. Sodium MGL	Decimal (8, 2)	q00929_sodium_mgl
24. Potassium Flag	Character (1)	q00937_flag
25. Potassium MGL	Decimal (8, 2)	q00937_potass_mgl
26. Strontium Flag	Character (1)	q01080_flag
27. Strontium MGL	Decimal (8, 2)	q01080_strontium
28. Carbonate MGL	Decimal (8, 2)	q00445_carb_mgl
29. Bicarbonate MGL	Decimal (8, 2)	q00440_bicarb_mgl
30. Sulfate Flag	Character (1)	q00945_flag
31. Sulfate MGL	Decimal (8, 2)	q00945_sulfate_mgl
32. Chloride Flag	Character (1)	q00940_flag
33. Chloride MGL	Decimal (8, 2)	q00940_chloride_mg
34. Fluoride Flag	Character (1)	q00951_flag
35. Fluoride MGL	Decimal (8, 2)	q00951_fluoride_mg
36. Nitrate Flag	Character (1)	q71850_flag
37. Nitrate MGL	Decimal (8, 2)	q71850_nitrate_mgl
38. Ph Flag	Character (1)	q00403_flag
39. Ph	Decimal (4, 2)	q00403_ph
40. Total Dissolved Solids	Integer	q70301_tds
41. Phenol Alkalinity	Decimal (8, 2)	q00415_phen_alk
42. Total Alkalinity	Decimal (8, 2)	q00410_total_alk
43. Total Hardness	Integer	q00900_tot_hardnes
44. Percent Sodium	Small Integer	q00932_percent_na
45. SAR	Decimal (8, 2)	q00931_sar
46. RSC	Decimal (8, 2)	q71860_rsc
47. Specific Conductance Flag	Character (1)	q00095_flag
48. Specific Conductance	Integer	q00095_spec_cond