

TABLES & GRAPHICS

Graphic images included in rules are published separately in this tables and graphics section. Graphic images are arranged in this section in the following order: Title Number, Part Number, Chapter Number and Section Number.

Graphic images are indicated in the text of the emergency, proposed, and adopted rules by the following tag: the word “Figure” followed by the TAC citation, rule number, and the appropriate subsection, paragraph, subparagraph, and so on.

Figure: 16 TAC §1.201(a)

Table 1. Initial and Final Review Periods for Permits Issued by the Railroad Commission of Texas, For Which Median Permit Processing Time Exceeds Seven Days

Rule and Permit All references are to Title 16, Tex. Admin. Code	Division, Section Receiving Application	Initial Review Period	Final Review Period
§3.6 (SWR 6), Application for Multiple Completion Multiple Completion Authorization	Oil and Gas Division, Administrative Compliance Section	60	10
§3.9 (SWR 9), Disposal Wells Disposal Well Permits	Oil and Gas Division, Injection-Storage Permits Section	30	15
§3.10 (SWR 10), Restriction of Production of Oil and Gas from Different Strata Authority to Commingle	Oil and Gas Division, Administrative Compliance Section	14	21
§3.23 (SWR 23), Vacuum Pumps Authorization to Use Vacuum Pump	Oil and Gas Division, Administrative Compliance Section	7	21
§3.41 (SWR 41), Application for New Oil or Gas Field Designation and/or Allowable New Oil or Gas Field Designation and/or Allowable	Oil and Gas Division, Administrative Compliance Section	14	7
§3.46 (SWR 46), Fluid Injection into Productive Reservoirs Injection Permit	Oil and Gas Division, Injection-Storage Permits Section	30	15
§3.46 (SWR 46), Fluid Injection into Productive Reservoirs Injection Permit with Authorization to Inject Fresh Water	Oil and Gas Division, Injection-Storage Permits Section	30	15
§3.46 (SWR 46), Fluid Injection into Productive Reservoirs Area Permit	Oil and Gas Division, Injection-Storage Permits Section	45	45
§3.48 (SWR 48), Capacity Oil Allowables for Secondary or Tertiary Recovery Projects Capacity Oil Allowables	Oil and Gas Division, Administrative Compliance Section	7	21
§3.50 (SWR 50), Enhanced Oil Recovery Projects Approval and Certification for Tax Incentive	Oil and Gas Division, Administrative Compliance Section	7	25

Rule and Permit All references are to Title 16, Tex. Admin. Code	Division, Section Receiving Application	Initial Review Period	Final Review Period
Certificate for Recovered Oil Tax Rate			
§3.50 (SWR 50) Enhanced Oil Recovery Projects Approval and Certification for Tax Incentive Approval Concurrent With Recovered Oil Tax Rate	Oil and Gas Division, Administrative Compliance Section	7	25
§3.50 (SWR 50), Enhanced Oil Recovery Projects Approval and Certification for Tax Incentive Positive Production Response Certificate	Oil and Gas Division, Administrative Compliance Section	7	25
§3.70 (SWR 70), Pipeline Permits Required Permit to Operate a Pipeline	Oversight and Safety Division, Pipeline Safety Department	15	15
§3.81 (SWR 81), Brine Mining Injection Wells Brine Mining Injection Permit	Oil and Gas Division, Technical Permitting Section	30	30
§3.83 (SWR 83), Tax Exemption for Two-and Three-year Inactive Wells Certification of Inactivity	Oil and Gas Division, Administrative Compliance Section	20	45
§3.93 (SWR 93), Water Quality Certification 401 Certification	Oil and Gas Division, Technical Permitting Section	30	15
3.95 (SWR 95), Underground Storage of Liquid or Liquified Hydrocarbons in a Salt Formation Permit to Create, Operate, and Maintain an Underground Hydrocarbon Storage Facility	Oil and Gas Division, Technical Permitting Section	45	45
§3.96 (SWR 96), Underground Storage of Gas in Production or Depleted Reservoirs Permit to Operate a Gas Storage Project	Oil and Gas Division, Technical Permitting Section	45	45
§3.97 (SWR 97), Underground Storage of Gas in Salt Formations Permit to Create, Operate, and Maintain an Underground Gas Storage Facility	Oil and Gas Division, Technical Permitting Section	45	45
§3.101 (SWR 101), Certification for	Oil and Gas Division,		

Rule and Permit All references are to Title 16, Tex. Admin. Code	Division, Section Receiving Application	Initial Review Period	Final Review Period
Severance Tax Exemption for Gas Produced from High-Cost Gas Wells Area Designation	Administrative Compliance Section	7	45
§§4.120-4.135, 4.150-4.154 Non-Commercial and Non-Centralized Pit Permits	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.120-4.135, §§4.140-4.143, and § 4.150-4.154 Commercial or Centralized Pit Permits	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§4.120-4.135 Non-Commercial and Non-Centralized Landfarming, Landtreatment	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.120-4.135, §§4.140-4.143, and §4.160-4.164 Commercial and Centralized Landfarming, Landtreatment	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.190-4.195 Waste Hauler Permit	Oil and Gas Division, Technical Permitting/ Environmental Permitting	30	15
§4.182 Minor Permit, Hydrostatic Test Discharge and other minor permits	Oil and Gas Division, Technical Permitting/ Environmental Permitting, District Offices	15	15
§§4.120-4.135, §§4.140-4.143, and §4.170-4.173 Reclamation Plant Permit	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§4.184 Non-Commercial Recycling Plant	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.202-4.211 Commercial Recycling Plant	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.202-4.211, §§4.212-4.224 Commercial On-Lease Solid Oil and Gas Waste Recycling	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90

Rule and Permit All references are to Title 16, Tex. Admin. Code	Division, Section Receiving Application	Initial Review Period	Final Review Period
§§4.202-4.211, §§4.230-4.245 Commercial Off-Lease or Centralized Solid Oil and Gas Waste Recycling	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.202-4.211, §§4.247-4.261 Commercial Stationary Solid Oil and Gas Waste Recycling	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.202-4.211, §§4.262-4.277 Commercial Off-Lease Fluid Recycling	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§4.202-4.211, §§4.278-4.293 Commercial Stationary Fluid Recycling	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§4.301, §4.302 Beneficial Use of Drill Cutting Permits (Treatment and Recycling)	Oil and Gas Division, Technical Permitting/ Environmental Permitting	45	90
§§5.201-5.208 Permit to Construct a Geologic Storage Facility and Associated Class VI Injection Wells	Oil and Gas Division, Technical Permitting Section	60	120
§§5.201-5.208 Permit to Injection and Store Anthropogenic Carbon Dioxide	Oil and Gas Division, Technical Permitting Section	60	120
Class V Closed-Loop Geothermal Injection Wells	Oil and Gas Division, Technical Permitting Section	15	15
§9.27, Application for an Exception to a Safety Rule LPG Rule Exception	Oversight and Safety Division, Alternative Fuels Safety Department	21	21
§9.54, Commission-Approved Outside Instructors- LPG Outside Instructor Application	Oversight and Safety Division, Alternative Fuels Safety Department	14	10
§9.101, Filings Required for Stationary LP-Gas Installations LPG Plan Review	Oversight and Safety Division, Alternative Fuels Safety Department	30	N/A
§11.93, Elements of Permit Application New Permit Application	Surface Mining and Reclamation Division	120	N/A
§11.97, Renewal Permit Renewal	Surface Mining and Reclamation Division	120	N/A

Rule and Permit All references are to Title 16, Tex. Admin. Code	Division, Section Receiving Application	Initial Review Period	Final Review Period
§11.98, Transfer Permit Transfer	Surface Mining and Reclamation Division	90	N/A
§11.114, Revision on Motion or with Consent Permit Revision	Surface Mining and Reclamation Division	120	N/A
§§11.131-11.137, Notice of Exploration Through Over-burden Removal; Content of Notice; Extraction of Minerals; Removal of Minerals; Lands Unsuitable for Surface Mining; Notice of Exploration Involving Hole Drilling; Permit Uranium Exploration	Surface Mining and Reclamation Division	30	30
§§11.205, 11.206, Changes in Coverage; Release or Reduction of Bonds Bond Adjustment	Surface Mining and Reclamation Division	90	N/A
§12.110, General Requirements: Exploration of less than 250 Tons Coal Exploration < 250 Tons	Surface Mining and Reclamation Division	90	N/A
§12.111, General Requirements: Exploration of More than 250 Tons Coal Exploration > 250 Tons	Surface Mining and Reclamation Division	120	N/A
§12.205, In Situ Processing Activities In Situ Coal Gasification	Surface Mining and Reclamation Division	120	N/A
§12.216, Criteria for Permit Approval or Denial New Mine Permit	Surface Mining and Reclamation Division	120	N/A
§12.226, Permit Revisions Permit Revision-Administrative	Surface Mining and Reclamation Division	60	N/A
§12.226, Permit Revisions Permit Revision- Significant	Surface Mining and Reclamation Division	120	N/A
§§12.227-12.230, Permit Renewals: General Requirements; Permit Renewals: Completed Applications; Permit Renewals: Terms; Permit Renewals: Approval or Denial Permit Renewal	Surface Mining and Reclamation Division	120	N/A

Rule and Permit All references are to Title 16, Tex. Admin. Code	Division, Section Receiving Application	Initial Review Period	Final Review Period
§§12.227-12.230, Permit Renewals: General Requirements; Permit Renewals: Completed Applications; Permit Renewals: Terms; Permit Renewals: Approval or Denial Permit Renewal/Revision	Surface Mining and Reclamation Division	120	N/A
§§12.231-12.233, Transfer, Assignment, or Sale of Permit Rights: General Requirements; Transfer, Assignment or Sale of Permit Rights: Obtaining Approval; Requirements for New Permits for Persons Succeeding to Rights Granted under a Permit Permit Transfer	Surface Mining and Reclamation Division	90	N/A
§12.307, Adjustment of Amount Bond Adjustment	Surface Mining and Reclamation Division	60	30
§12.707, Certification Blaster Certification	Surface Mining and Reclamation Division	90	N/A
13.25, Filings Required for Stationary CNG Installations – CNG Plan Review	Oversight and Safety Division, Alternative Fuels Safety Department	30	N/A
§13.35, Application for an Exception to a Safety Rule CNG Rule Exception	Oversight and Safety Division, Alternative Fuels Safety Department	21	21
§14.2019, Certification Requirements LNG Employee Exam	Oversight and Safety Division, Alternative Fuels Safety Department	10	N/A
§14.2040, Filings and Notice Requirements for Stationary LNG Installations LNG Plan Review	Oversight and Safety Division, Alternative Fuels Safety Department	30	N/A
§14.2052, Application for an Exception to a Safety Rule LNG Rule Exception	Oversight and Safety Division, Alternative Fuels Safety Department	21	21

Figure: 16 TAC §4.115(j)(3)(E)

Standard Soil Sampling Closure Parameters If Waste is Removed from the Pit in Accordance with 16 TAC Chapter 4		
Constituent	Method (or equivalent)	Limit
pH	EPA Method 9045C	6 to 10 standard units
Chloride	SW-846 9056A	≤ 3,000 mg/kg
Total Petroleum Hydrocarbons	EPA SW-846 418.1	≤ 10,000 mg/kg or 1% by weight
BTEX	EPA Method 5035A/8021/8260B	≤ 30 mg/kg
Metals	EPA Method 6010/6020/7471A	
Arsenic		≤ 10 mg/kg
Barium		≤ 10,000 mg/kg
Cadmium		≤ 10 mg/kg
Chromium		≤ 100 mg/kg
Lead		≤ 200 mg/kg
Mercury		≤ 10 mg/kg
Selenium		≤ 10 mg/kg
Silver		≤ 200 mg/kg

Figure: 16 TAC §4.115(k)(8)

Standard Waste Sampling Closure Parameters If Waste is Treated and Buried in the Pit in Accordance with 16 TAC Chapter 4		
Constituent	Method (or equivalent)	Limit
pH	EPA Method 9045C	6 to 10 standard units
Chloride <ul style="list-style-type: none"> • if the depth below the bottom of the pit to groundwater is ≤ 50 feet • if the depth below the bottom of the pit to groundwater is 51 feet to 100 feet • if the depth below the bottom of the pit to groundwater is > 100 feet 	SW-846 9056A	≤ 20,000 mg/kg ≤ 40,000 mg/kg ≤ 80,000 mg/kg
Total Petroleum Hydrocarbons	EPA SW-846 418.1	≤ 10,000 mg/kg or 1% by weight
BTEX	EPA Method 5035A/8021/8260B	≤ 30 mg/kg
Metals <ul style="list-style-type: none"> Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver 	EPA Method 6010/6020/7471A	≤ 10 mg/kg ≤ 10,000 mg/kg ≤ 10 mg/kg ≤ 100 mg/kg ≤ 200 mg/kg ≤ 10 mg/kg ≤ 10 mg/kg ≤ 200 mg/kg

Figure: 16 TAC §4.302(c)(1)

FIGURE 1: PARAMETERS AND LIMITATIONS FOR ROADBASE	
PARAMETER	LIMITATION
Minimum Compressive Strength by <i>ASTM D 698</i> , <i>ASTM D 1557</i> , or <i>TxDOT Methods Tex-113-E</i> , <i>Tex-120-E</i> , <i>Tex-121-E</i> , <i>Tex-117-E</i> or equivalent	35 psi
Synthetic Precipitation Leaching Procedure (SPLP) <i>EPA Method 1312 Metals</i> <i>EPA Method 6010, 6020, or 7471A</i> Arsenic Barium Cadmium Chromium Lead Mercury Selenium Silver Zinc	≤ 5.00 mg/L ≤ 100.0 mg/L ≤ 1.00 mg/L ≤ 5.00 mg/L ≤ 5.00 mg/L ≤ 0.20 mg/L ≤ 1.00 mg/L ≤ 5.00 mg/L ≤ 5.00 mg/L
Benzene <i>EPA Method 1312, 8021, or 8260B</i>	≤ 0.50 mg/L
Leachate Test ¹ Total Chlorides Total Petroleum Hydrocarbons (TPH) pH	≤ 700 mg/L ≤ 100 mg/L 6-12.49 s.u.

¹Use the methodology described in "Laboratory Procedures for Analysis of Exploration and Production Waste," Louisiana Department of Natural Resources, Office of Conservation, Injection and Mining Division, May 2005, or similar.